

H.H

MCH. '52

# CAMPING

MAGAZINE

**MARCH 1952**

\$3.00 per year in U. S.

FORTY YEARS OF  
GIRL SCOUT  
CAMPING

HOW TO LICK  
WEED AND BRUSH  
PROBLEMS

FAMILY CAMPING—  
20 YEAR  
SUCCESS STORY

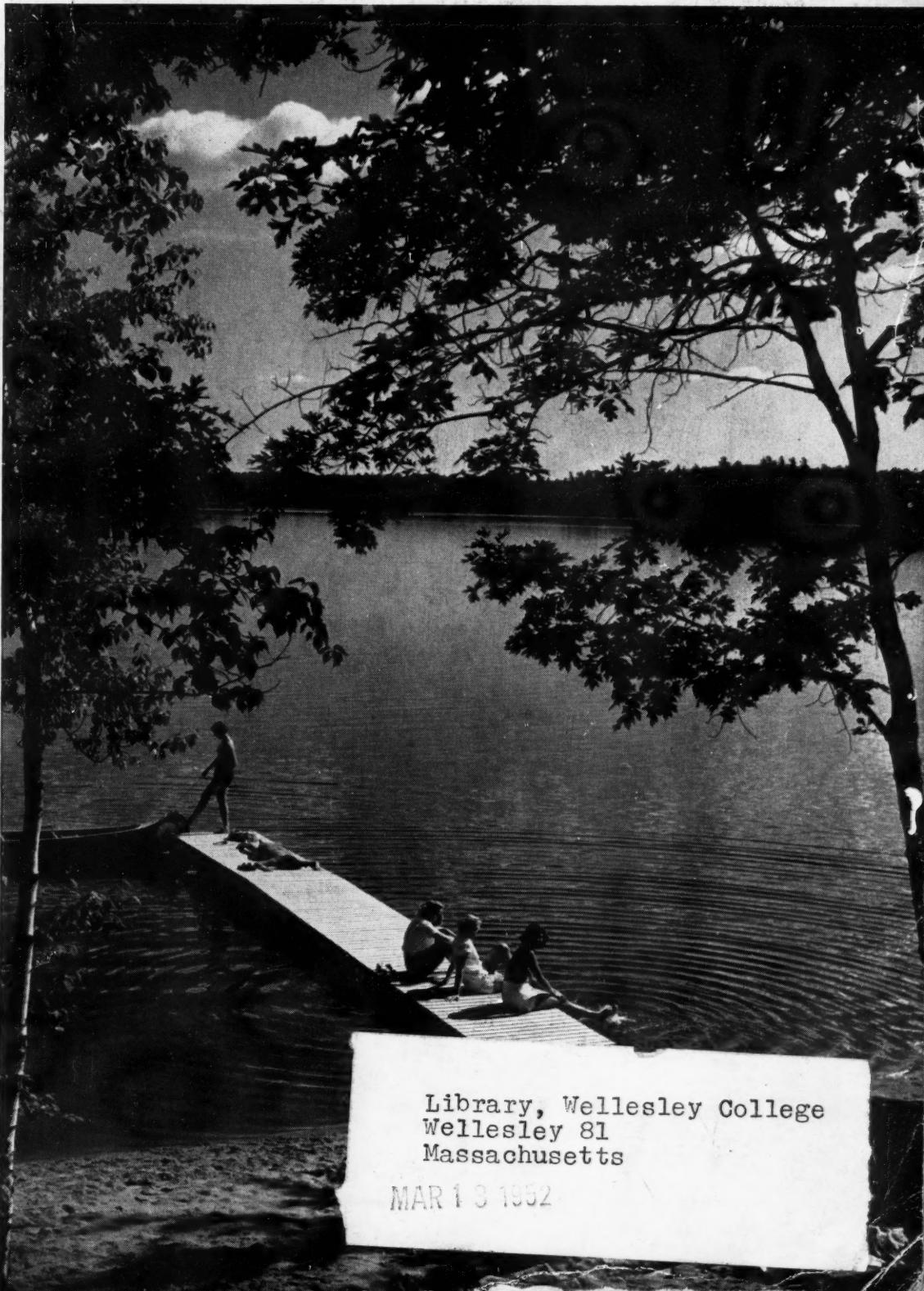
LATE NEWS ON ACA  
CONVENTION

CAMP FOOD—CRAFTS  
HIKING—OTHER NEWS  
AND FEATURES

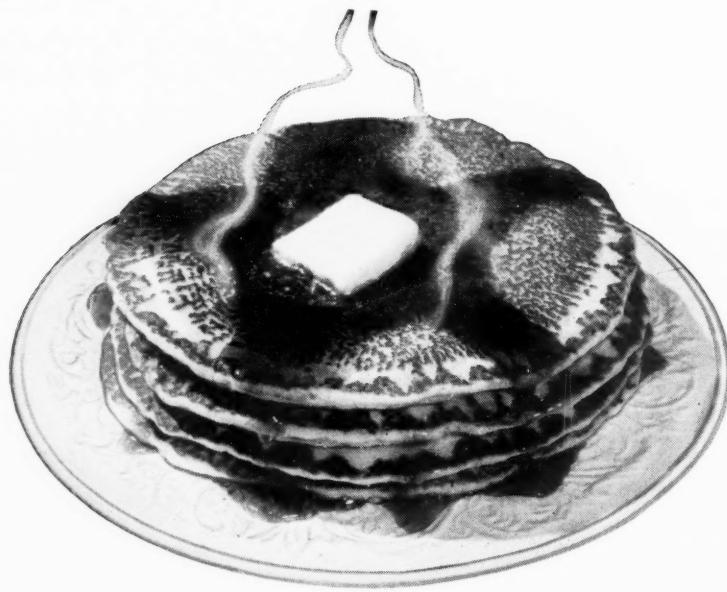
Read Complete Contents  
on page 5

OFFICIAL PUBLICATION

EDITH HUNTER MAY RUSTIN LE  
DEPARTMENT OF PHYSICAL EDUCATION  
WELLESLEY COLLEGE  
MASSACHUSETTS



MAR 13 1952



## PANCAKE POPULARITY INSURANCE

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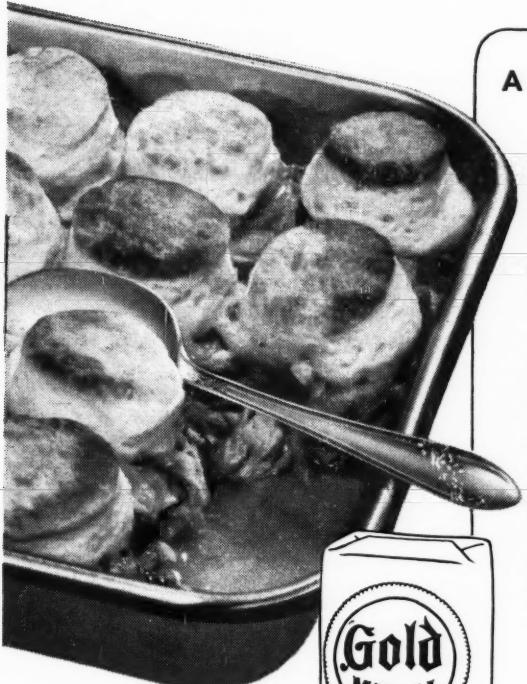




"Our campers like their Sunday chicken 'baked in a pie,'"—says Elmer Ott, Director of Camp Manito-Wish, Milwaukee, Wisconsin

## FAVORITE CAMP RECIPES

# Hearty Wilderness Chicken Pie makes chicken go further, taste better



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#### A BETTY CROCKER RECIPE

#### Wilderness Chicken Pie (for 25)

Heavy hens .....	11 to 12½ lb.	Salt.....	2 tbsp.
Parsley sprigs, if desired.....	5	Pepper .....	¼ tsp.
Small bay leaves.....	5	Chicken broth.....	10 cups (2½ qt.)
Celery stalks and tops.....	8 to 10	GOLD MEDAL Flour .....	1¼ cups
Whole carrots.....	5	Cold water.....	2½ cups
Small onions, sliced thin.....	3	STIR-N-ROLL biscuits,	
Thyme, if desired.....	¼ tsp.	.....	see recipe below
Marjoram, if desired.....	¼ tsp.	Baking Pan, 15x11x2-in. oblong .....	1

Clean and cut up chicken. Place in kettle and cover with boiling water. Add parsley, bay leaves, and vegetables. Bring to boiling point. Reduce heat, cover, and simmer gently until tender (1½ to 3 hours depending on age of chicken). Add seasonings after first hour of cooking. Keep covered but add more water if stock cooks down. When chicken is tender, remove from heat and drain off stock. Discard skin and bones and cut meat into bite-sized pieces. Cool stock and remove part of excess fat that gathers on top. Reheat stock to boiling point. Blend flour with cold water and stir slowly into the hot stock. Boil 1 minute, stirring constantly. Season with more salt and pepper to taste. Place prepared chicken in pan. Pour over it the boiling hot gravy, to about 1 in. of the top. Top with STIR-N-ROLL Biscuits. Bake immediately for 15 to 20 minutes in hot oven (425°). Serve extra gravy separately.

#### Stir-N-Roll Biscuits

Sifted GOLD MEDAL FLOUR.....	4 cups	Milk.....	1¼ cups
Double-action baking powder 2 tbsp.		Wesson Oil.....	⅓ cup

Sift flour, baking powder and salt into a bowl. Measure milk and oil into a bowl, but don't stir together. Add all at once to the flour. Stir with a fork until mixture cleans sides of bowl and rounds into a ball. Smooth by kneading dough 16 to 20 times without additional flour. Allow dough to rest for a few minutes. Then pat out, or with the dough between waxed papers, roll out about ½-in. thick. Cut with unfloured 2¼-in. biscuit cutter or for speed cut in squares with a knife. (For thin, crusty biscuits, roll dough about ¼-in. thick.) Place on hot chicken mixture.

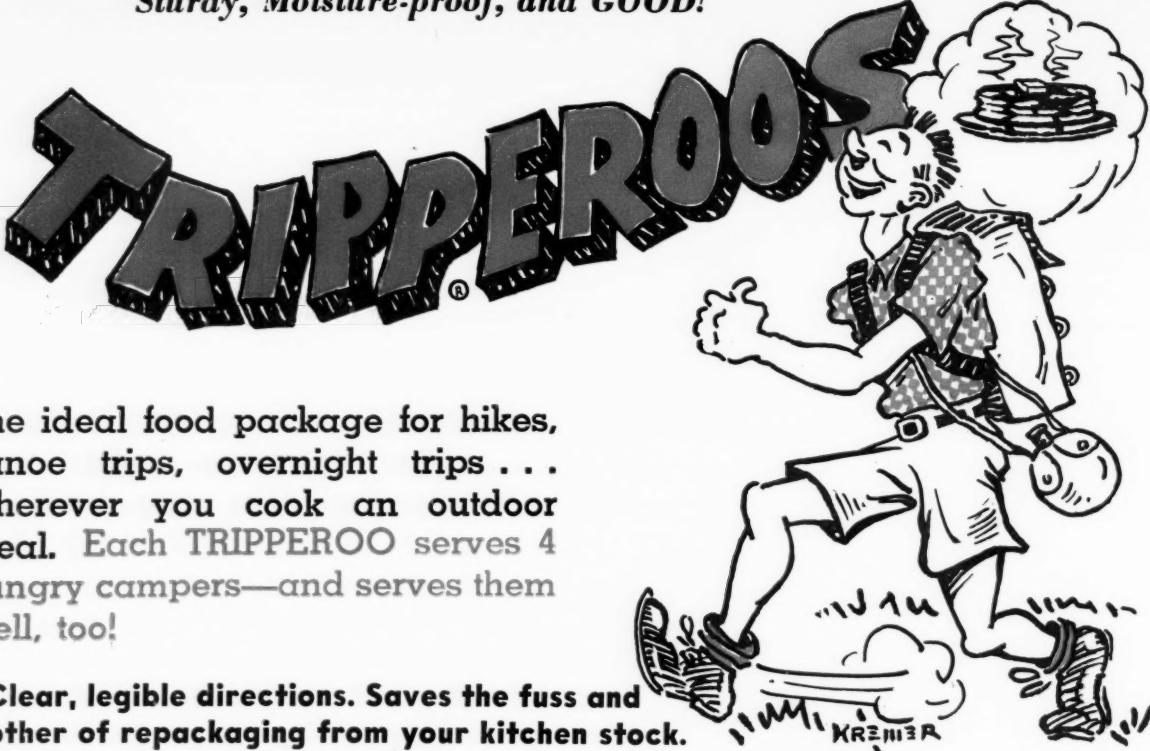
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Chicken Style Noodle Soup Base	2½ oz. bag	9.60	
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Brown Gravy Base	2 oz. bag	8.15	Makes a tasty golden brown gravy.
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# CAMPING

## MAGAZINE

March 1952

### This Month's Features

COVER PHOTO .....	<i>Camp O-Tahn-Agon from Fred Schroeder</i>	1
AGED IN THE WOODS .....	<i>Catherine T. Hammett</i>	13
LICKING THOSE WEED AND BRUSH PROBLEMS .....	<i>Dr. A. E. Carlson</i>	16
TRY HIKING STICKS .....	<i>Sylvia Cassell</i>	19
MAKE IT A FIRE-SAFE SUMMER .....	<i>P. C. Hensler</i>	20
FAMILY CAMPING—20 YEAR SUCCESS STORY .....	<i>Leon H. Smith</i>	21
ADVENTURES IN THE DARK .....	<i>Frank Gehr</i>	25
DRINK MORE MILK .....	<i>Odin Wilhelmy, Jr.</i>	36
GREASE REMOVABLE PROBLEMS POSED BY NEW DETERGENTS .....		40
CAMPING IN THE TREE TOPS .....	<i>Florence Birkhead</i>	44
GREASE REMOVAL PROBLEMS POSED BY NEW DETERGENTS .....		40
STEPPING STONE TO OVERNIGHT CAMPING .....	<i>Martin P. Silverman</i>	47
AT MY CAMP, WE— .....		48
EVALUATING ACA PUBLICATIONS .....	<i>Hugh D. Allen</i>	58

### ACA News .....

SWEET NAMED ACA PRESIDENT AS ILLNESS FORCES OTT RESIGNATION OPS ISSUES CAMP TUITION FREEZE RULES; LOW-RATE NON-PROFIT CAMPS EXEMPT

ACA PRESIDENT DESCRIBES PROJECTS; CALLS ON ALL MEMBERS TO ASSIST

BIGGEST, BEST ACA CONVENTION EVER, PLANNED FOR CHICAGO APRIL 16-19

OTHER NATIONAL AND SECTIONAL NEWS

### Departments

LETTERS FROM READERS .....	6	TRY IT .....	45
OUR AUTHORS .....	11	BOOKS YOU WANT .....	50
FOOD QUESTIONS AND ANSWERS .....	39	CLASSIFIED ADVERTISEMENTS .....	56
NEW LITERATURE AVAILABLE .....	42	AFTER TAPS .....	58
ADVERTISER'S INDEX .....			
57			



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## LETTERS FROM READERS

### Slower, Slower

The January issue of the CAMPING MAGAZINE is excellent. I thoroughly enjoyed all of the articles. But, the article that is A-1 in my estimation is Mary Northway's "Faster, Faster."

Some years ago a noted educator gave a talk on camping, and pointed out the need for slowing up the camp program. He was concerned about the fast pace and tempo of activities in camp. This is what he said: "I send my two children to camp for two weeks, then I make arrangements for them to come home for the next two weeks. After that, I send them back for two more weeks of camping, and that gives them two weeks to get rested before they go back to school."

—Elin Lindberg  
Girl Scouts  
New York City

### "Meal Ticket" Question

In the December CAMPING MAGAZINE the "Meal Ticket" idea described by Joel C. Holiber in "Motivating Camp Activities," has some good points. However, from the conservation angle the collection of leaves, berries, and needles should be carefully supervised or the campers could easily strip the environs of the dining area.

I would definitely question the "4. Live salamander, frog, or toad (for races)." Indiscriminate handling of animals should be discouraged, and the "racing" would be contrary to the objectives of the nature program.

An interest in the small animals around camp can easily be aroused, but this requires thoughtful planning. Careless or rough treatment could as easily result, which would be undesirable in view of the many possibilities for constructive activities.

—Marjorie Camp  
The Joy Camps  
Wausau, Wisc.

### Camp Construction Data

I note in your fine January issue that you were able to send information regarding building construction, materials, sites, etc. to one of your readers.

We are embarking on an expansion program and would welcome such materials, too. We also desire information on building a lake. Do you have any?

—Paul Schrauer  
Green Mountain Camp  
Riverdale, N. Y.

*Two good books on this subject are "Campsite Development" by Julian Salomon, national camp architectural consultant to the Girl Scouts, and "Campsites and Facilities," published by the Boy Scouts. The Salomon book sells for \$4.00, the Boy Scout book for \$2.50. Both are available through Scout trading post.*

*Camp architects whom you might be interested in contacting are:*

*Mr. Salomon, Sky Meadow, Suffern, N. Y.; Mr. Bradford Sears, N. Y. State College of Forestry, Syracuse, N. Y., and Mr. Glenn Wallace, 260 Emerald St., S.E., Minneapolis.*

### More Riding Data Wanted

I would like some further information with regard to Riding Standards and the work of the mentioned Committee on Riding of the NSWA, as per Dorothy Baldwin's article in the January issue. Thank you.

—Ruth E. Gravert  
Bearnstow Children's Camp  
Mt. Vernon, Maine

*Our suggestion to Reader Gravert and others: We believe you can get the additional data you desire by contacting Miss Beatrice Tyer, Southern Seminary and Junior College, Buena Vista, Va.—Ed.*

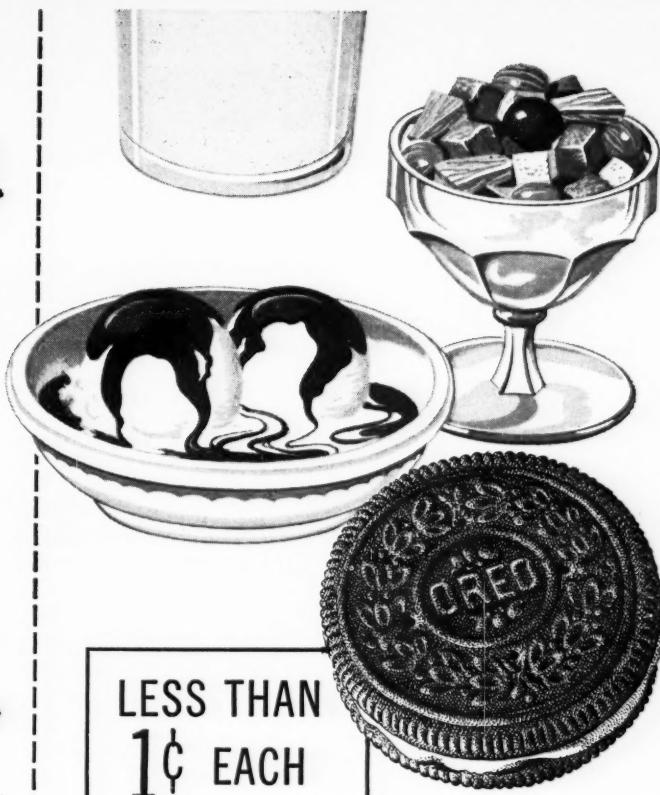
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I would like to request from you the name and the date of the magazine in which your article has appeared, or is appearing, so that I may be sure to read it, since we are very interested in the subject that you covered in this article. I'm afraid I would miss it if I did not know which magazine it was.

—Richard S. Doty  
YMCA  
Schenectady, N. Y.

*One article, interpreting camping to the general public, written by CAMPING MAGAZINE's editor, appears in the March 1952 issue of Parents' Magazine. Another is scheduled for publication in Today's Health.—Ed.*

#### Photo Credit Missed

I would be amiss if I didn't say thank you for the use of our picture on the cover of the January CAMPING MAGAZIN.

The picture is one of my favorites and I use it on the cover of my literature.

One thing was missed, however; the photo was taken by the Hughes Photo Co.

Thanks again and good luck on the continued success with the fine job on CAMPING MAGAZINE.

—Gene Altman  
Camp Thunderbird  
St. Louis, Mo.

*Beg pardon, Mr. Hughes. We are always glad to acknowledge the fine cooperation and courtesy of the photographers who contribute to CAMPING MAGAZINE.—Ed.*

#### Damaged Issue Received

I must report the loss of CAMPING MAGAZINE. Today the back cover for the January 1952 issue came, but no magazine. I talked to the Postmaster and he says that it was the only section in the mail and he can do nothing about it. Please replace this issue.

—Mrs. Beatrice Godwin  
McKendree College  
Lebanon, Illinois

*Beginning with this issue, a heavier and more durable cover stock is being used on CAMPING MAGAZINE. We hope this will assure all readers of receiving every issue.—Ed.*

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Camping Magazine, March, 1952

# OUR AUTHORS

## ... in this issue



CATHERINE T. HAMMETT (left) author of "Aged in the Woods," this month's lead article, is well-known to practically every ACA member through her years of service to the Association. At present she is national secretary. Her Girl Scout activities, most recently as director of the Camping Division at National Headquarters, make her well qualified to write this article celebrating the 40th anniversary of Girl Scouting and describing the Scouts camping advances during that time. At present Miss Hammett operates Derrybrook, a training center for camp leaders in Vermont.

SYLVIA CASSELL (right) who presents a unique idea on hiking sticks, was until a few months ago director of the Winnetka (Ill.) Girl Scouts; she is now engaged in personnel work.

P. C. HENSLER, author of "Make It a Firesafe Summer," is associated with the Fire Protection Institute of New York City . . . while FLOR- ENCE BIRKHEAD, who wrote "Camping in the Tree Tops," is a staff member of the Oakland (Calif.) Recreation Department . . . and ODIN WILHELMY, JR., author of our article on milk vending is a professor of Biochemistry at Cornell University.

"LICKING Those Weed and Brush Problems," by DR. A. E. CARLSON, deals with a subject of interest to all camp directors. A recognized authority on the solving of weed and brush problems, Dr. Carlson is associated with E. I. du Pont de Nemours & Co.

LEON SMITH of the Des Moines YMCA has authored the article "Family Camping—20-year Success Story." There is food for thought in his article for every director who has yearned for a way to enable his camp to serve more people and/or to spread his overhead expenses over a longer operating period.



MARTIN P. SILVERMAN (left) in "Stepping Stones to Overnight Camping" uses his experience with the Jewish Community Center Country Day Camp to show how children can be helped to adjust to being away from home. He is now working for a Master's Degree at Western Reserve University.

"CAMPERS Love Cedar Jewelry!" is MARYLLS VICTOR'S latest contribution, through CAMPING MAGAZINE, to the growing trend toward use of native materials in craft programs. She writes from her own experience as a craft counselor in a mid-western camp.

SCHEDULED FOR NEXT MONTH in CAMPING MAGAZINE's special pre-convention number are such articles as David Sonquist's "Dividends from Cooperation," Robert McBride's "The Role of Camping in a Period of Mobilization," a complete listing of American Red Cross 1952 Aquatic Schools for training camp counselors, a fine article on a private camp's success with inter-cultural camping, an article outlining the highlights of the ACA convention to take place on April 16-19 in Chicago, and numerous other interesting, useful features.

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# Aged in the Woods

## Forty Years of Girl Scout Camping

BY CATHERINE T. HAMMETT

**A**DINOSAUR TRACK near a river swimming place in Texas, a sleeping bag under the redwoods and the open sky in California, a canoe pulled up on the shore of a Minnesota deepwoods lake, a basket made of long-leaf pine needles in a Georgia forest, a cactus wren's nest on the Arizona desert, a sailboat on New England waters, a campfire in the Alps, a cooking fire in Australia—all these and many more will be part of the camping gear and treasures of girls this year, as an estimated *one half million* of them experience the fun of living together out-of-doors, spring, summer, fall or winter in Girl Scout camps. For camping is a great part of the Girl Scout program, and through the last 40 years, the organization has given much time, thought and effort to bringing about the objective of "a camping experience for every Girl Scout."

As the Girl Scouts celebrate their 40th birthday on March 12th of this year, the organization takes the usual long look back, and a longer look ahead, and in the looking finds much of camping written into the pages of its history. As an organization it has truly "aged in the woods," and some of those who are getting to be old-timers in the organization feel that they have, too—and happily!

The story of Girl Scout camping is part of the story of camping as a movement in this country and in the world, and the progress of its 40 years is closely linked with the progress of the American Camping Association and the whole camping movement.

For all of the 40 years, enthusiastic Girl Scout volunteers and professional workers have been working at the job of providing good camping for Girl Scouts, wherever they may be.

In Hawaii and the Canal Zone, in Alaska and Puerto Rico, from border to border and coast to coast, thousands of Girl Scout leaders have been helping to "push the camping business on" in their own communities. Nationally there have been professional camping workers helping toward the same ends with written materials, standard making, training and experimentation as long as there have been professional workers in the organization.

What has happened in the 40 years? Have the Girl Scouts changed their camping ways very much? Do they find some of the same qualities still

good in their evaluations? Of course! There *have* been changes, but some of the basic practices are still in good use now. Camping terms have changed somewhat, and emphases have been varied from time to time to meet needs of changing times, but the general objectives have remained much the same. Camping costumes have changed from wide pleated bloomers and middy blouses to the trim shorts or jeans and shirts of today, but the little girl in the jeans is still enjoying the fun of a campfire or a hike and still getting wide-eyed at the wonder of a cobweb she has caught on a piece of blue paper.

Camping standards have been revised several times, but the emphasis on good fundamental practices in all areas of camping has been maintained





*Health service in Girl Scout Camps has come a long way during 40 years, as before and after pictures show.*



through the years. No longer do standards (as they did in 1923) suggest that there should be "a half hour a week when girls can do what they like best," or that "an adjustment should be made for the too thick or the too thin," or that "hair should be worn in one braid, or if curly, tied at the back." It is no longer stated that "plants, trees and wild life must be adaptable to the camp activities" or "if the season be hot it is desirable to face the breeze."

The first standard writers were amateurs, trying to share their experience with new camp leaders to help them safeguard girls. BUT their first efforts had the right idea; today's standards point out the same basic principles. The girls of today have a bigger hand in planning what they want to do and how to do it—all the waking hours of the day. Concern for good dietary practices extends to all campers, thick, thin, or just normal! Today's emphasis on natural resources is that the site should be selected to make possible the best of outdoor activities, and that the possibilities should then be used as the basis of camp living which is the program—taking advantage of breezes and also of road-runners, maple leaves, stars or granite.

The scope of Girl Scout camping must cover many types of camp sites, since the organization's groups are found in all United States territories and states. The standards must be general enough to cover all Girl Scout

camps; so they speak of "living areas" instead of tents, cabins or shelters, because in some sections shelters are not necessary for sleeping facilities in the summer. Because one camp may be concerned with the hazards of flash floods, another with hurricanes or tornadoes, another with forest fires, the living arrangements and the precautions will vary accordingly. The guide for local groups in selecting a camp site is to find the best possible spot for outdoor living in the particular section. So it is that there are camps in beautiful woods, camps by lakes and streams—and also camps on deserts, on barren foothills, in public parks and on restricted forest or farm lands. Committees have been known to use airplanes to discover wooded sections near enough for group camping. The greatest credit undoubtedly goes to those local groups who make camp—and GOOD camps, too—with the aid of an imaginative, resourceful, determined staff on what might be considered subnormal camping terrain.

It is good to note that insistence on leadership of high quality has been expressed in all revisions of standards. "Good counselors make good camps" has long been a favorite expression of Girl Scout leaders. Early standards

made the suggestion that the camp should "make the finest young women in the community available to the girls" and that is was a desirable practice to have "the camp staff assemble at the actual camp site three or four days ahead of time, to 'dig themselves in' and to plot the season's program." Today there is no Girl Scout camp that does not include pre-camp training in its planning for a good season. Selection, orientation, supervision on the job, fun for staff as well as campers, good personnel practices—all these are part of the leadership responsibilities of the Girl Scout camp director, for whom special training in administration is also a "must."

Camping in the Girl Scouts is an integral part of the year-round program, which stresses outdoor activities wherever possible. The core of Girl Scouting is the troop—a small group of similar-aged girls led by adult volunteers. In-town troop activities are supplemented and extended by chances to live in camp; and at camp as well as in town, the partnership of girls and adult leaders in planning and carrying out the program is fundamental. Camping is provided for all three Girl Scout age groups: Brownies, aged 7 through 9; Intermediate Girl

Scouts, aged 10 through 13; and Senior Girl Scouts, aged 14 through 17.

*Troop camping* is a group experience in which the camp is planned and organized by the members of an Intermediate or Senior Girl Scout troop and their leaders. It may be for overnight, a weekend or longer, at a cabin or similar spot, or on a primitive camp site developed by the girls.

*Day camping*, the camp-by-the-day near town, is another of the organization's plans to reach more girls with camping. The plan of day camping was originally suggested by Mrs. Herbert Hoover, one of the most enthusiastic campers in the organization's history. The Girl Scouts feel that this is one area where they have made a special contribution to the camping field, and they are proud of the record of good camping that had been made in day camps.

*Established camping* is the most familiar type of camp to the general public. Girl Scout established camps offer camping experience to individual girls or to groups, with a seasonal staff on a site with more or less permanent facilities; the camping period is usually two weeks or more. This type of camping resembles the usual summer camp that is conducted by private individuals and by other organizations in this country. In numbers, this type of camping reaches the greatest number of girls. There were, in

1951, 639 such Girl Scout camps, operating from one to nine weeks, and accommodating from 13 to 905 campers in the season for a total of 129,550.

In such camps, the characteristic Girl Scout pattern—small groups of similar-aged girls with adult leaders living and working together—is made possible by the so-called *unit plan of organization*. The Girl Scout organization believes that a good unit plan combines the best of "mass" camping and small-group camping, and is convinced that it extends the year-round objective of helping a youngster develop as an individual and as a member of a group, as well as the specific camping objective of helping her to grow in her appreciation and enjoyment of the out-of-doors. This unit plan is used in all Girl Scout camps that serve members of more than one troop; that is, in both day and established camps.

*Trip camping* takes the older, experienced camper far afield. Using her camping skills as the basis of living, she may be found at a "dig" in the archaeological fields of New Mexico, at an overnight shelter on the Appalachian trail or a horseback trail in the Sierras, or at a hostel on a bicycle trip. This is the ice cream and cake experience for the older campers who have grown up the woods of Girl Scout camping.

In recent years, Girl Scout camping has taken on a new dimension through the growth in *international camping*. This, too, is camping for the experienced, older girl. She may travel across the border or overseas to camp with other troops; sometimes counselors or girls come here to camp with groups in this country; sometimes there are camps to which selected girls are sent as delegates to meet with girls from many countries. In all international camping there is the learning to know other people by living and working together, by exchanging experiences or trophies, and by talking—small talk of the things girls everywhere talk about, and big talk of the problems of the world.

Work experiences in conservation, farming or construction; counselor-in-training projects; specialized program activities—these, too, are part of the picture for the older Girl Scout camper. Coeducational projects, family camping, regional explorations—these are prospects for the years to come.

Forty years of being "aged-in-the woods!" It seems long as one takes a look back, but short as one looks ahead to the opportunities for contributing to the well-being and to the broadening of horizons of millions of girls. This will be made possible by hundreds of thousands of volunteer and professional Girl Scout adults—camp committee men and women, camp staff members, troop leaders, as well as all the interested foresters, consultants and advisers who make Girl Scout camping the venture and adventure that it is.



Both winter camping and day camping are parts of the comprehensive program of the Girl Scout organization.

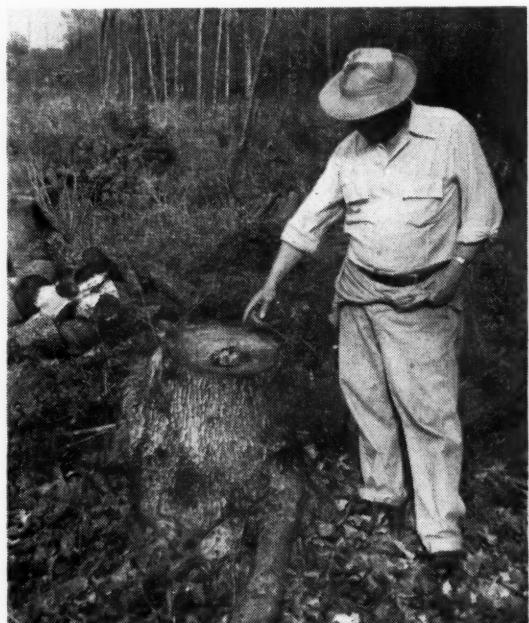




*Spraying poison ivy with ammonium sulfamate weed killer around the ol' swimming hole at a boys camp. If sprays are applied in late summer, after camp closes, the ivy should be almost entirely eliminated as a danger spot the following summer. Plants that do survive should be spot-sprayed in the spring, as soon as they are well leafed-out.*



*Stump at left remained after a land clearing job in Minnesota in March of 1950. Note the forest of sprouts a year later. Stump below, a few yards from the one shown at left, was treated with weed killer at the time of cutting. Note how a year later there was no re-sprouting.*



# Licking Those Weed and Brush Problems

By DR. A. E. CARLSON

A FRIEND OF MINE operates a summer camp for boys in a wooded stretch along French Creek in Pennsylvania's Chester County. He has an ambitious group of camp supervisors and maintenance men, and seldom has a boy who stayed within the camp area been "bitten" by poison ivy. But last year was the first year that the camp officials themselves haven't had an itchy spring epidemic of poison ivy blisters to treat!

Cutting, grubbing out, and burning those poison plants before the opening day of camp invariably took their toll. Gloves proved no protection. That virulent poisonous substance from the ivy plant would penetrate all the armor. And no matter how hard they worked, the following spring poison ivy seemed to show up in plentiful supply.

But in the summer of 1950 the camp purchased a pair of three-gallon sprayers. After the camping period had closed in August, every sprig of poison ivy which had re-sprouted following the spring campaign was wet down with spray containing a chemical weed killer. The following May, these sprayed plants were crisped and dead. A few new plants were leafed out and these were immediately sprayed.

Because these weed killing chemicals penetrate the root systems, there is extremely little resprouting from sprayed plants. There'll be little recurrence of poison ivy this spring; mostly plants missed previously. Re-spraying these stragglers will virtually eliminate the pest.

Over the past 10 years, research chemists have given us new compounds which can take a lot of backaches and headaches out of camp maintenance. Safe, effective, economical chemical tools are available for use in such jobs as clearing underbrush, keeping grass off concrete tennis courts and roadways, preventing the encroachment of brush along bridle and foot trails, keeping fire breaks free of growth, and removing growth which might constitute a fire hazard around camp kitchen areas and outdoor council fire locations.

To make the most of these chemical aids, the camp maintenance supervisor needs to keep fairly up to date on the latest developments. For these weed and brush killers are not all-purpose remedies. The right chemical to use for maximum results depends on the job to be done. You have to diagnose the case, write the prescription, and then follow directions on the label. For example, let's look at some typical brush and weed control jobs in camp areas.

## Clearing Underbrush

That timbered area on the edge of the camp would be an ideal place for games, talks, and other outdoor activities on scorching hot days. There's a fine canopy of shade, but the brush is four to six feet high. The ideal situation would be to clear out all that undergrowth and get a stand of grasses and clovers started to keep the soil from washing during the winters. But you don't want to harm a single one of those big trees.

Most widely used method of spraying such a dense undergrowth of brush is to apply chemicals when plants are in full leaf, for the leaf surface and stems hold the spray and the chemical will be absorbed and translocated to the roots. Probably your best time to apply this spray will be in late summer. Be sure the foliage of the brush is wet thoroughly. The following spring, use a chain drag behind a tractor, to knock down the dead brush and seed some grass and clover. Seed the area as early as seems safe so grasses will get a start before trees leaf out and shut off the sunlight. Be sure to use hardy varieties that do well in the shade.

Now, as to materials, this type of job may be done with either 2,4-D and 2,4,5-T, or ammonium sulfamate, which is commonly known as "Ammate Weed Killer." Your diagnosis of plants to be killed may determine which you use. If the problem is quite a mixture of both soft and hardwood sprouts, to be most successful choose a killer such as "Ammate," which has a broad range of effectiveness. If most of the growth to be attacked is briars,

a straight 2,4,5-T spray should be used, for it is quite effective for this type of plant. If there are broad-leaf weeds and briars mixed with easy-to-kill brush such as willow, alder, or hazel, it may be more economical to use a commercial combination of 2,4-D and 2,4,5-T.

Your other problem in accomplishing this job, of course, is the safety of your trees. Spray should be kept entirely away from trunks or foliage of these trees, whatever the material used. With 2,4-D and 2,4,5-T materials, the problem is further involved by the volatile nature of these compounds, and their tendency to drift to trees, shrubs, or nearby farm crops where they can cause havoc. If you use these chemicals, choose the "amine" formulations or the "low-volatile esters."

Use of a product like "Ammate" eliminates this danger, since this chemical is non-volatile. However, great care should be taken to keep spray from striking any portion of the trees. A good rule is never to spray any chemical herbicide on a windy day, for air movement can easily carry your spray to sections which you want to preserve.

Maybe there's a question in your mind about the value of this chemical treatment. If you have to knock down the brush with a chain drag anyway, why go to all the trouble of spraying it? Because you can't cut or pull out brush without breaking off stems and roots and leaving pieces of them in the ground. For every live root left, you'll get a dozen sprouts and re-growth will be rapid. Some chemical weed killers penetrate plant tissues, are carried to the roots and kill the root systems. A few healthy roots may survive, making spot treatments a year later a necessity, but in the main a good job of spraying solves a brush problem which bulldozing would only aggravate.

## Removing Fire Hazards

That circle around the outdoor fireplace, the area under buildings and within a foot of outer walls, the fire break you may want to construct around the camp if you're in a forest



*This stone wall in Connecticut was a mass of poison ivy a year before this picture was taken. Sprayed with chemical weed killer in the summer of 1950, picture shows condition of dead vines in late June the following year.*

area—these are spots where you want to completely eliminate all plants—and keep them eliminated; Actual soil “sterilization” is the goal!

There are a number of soil sterilants on the market. Some of these should be used carefully because they are highly poisonous or promote combustion. Naturally, you will want to avoid use of any poisonous material in areas where livestock from neighboring farms may graze. Certain other materials which are safe to use will do a good job for you in small areas but usually require rates of several thousand pounds per acre. Be sure to read all the directions and precautions on the labels before selecting the chemical you want to use.

Modern chemical research is uncovering some outstanding soil sterilants which you can use in future years. Most recent is a compound known as CMU, a product of Du Pont research which is safe to use and, when applied at about 40 pounds per acre, will keep soil free of growth for upwards of a year. This product is so new that only limited supplies for industrial use will be available until further tests have been completed.

Another effective chemical to kill grassy weeds, now readily available, is called TCA. Repeated applications may be required to keep the growth controlled.

#### **Stump Control**

In the course of clearing land stumps are often a troublesome by-product. A year after a tree is cut, the stump may be surrounded by a regular forest of sprouts growing head high or higher. Cut these off and the following year each severed sprout has sent forth a dozen fresh shoots from its own roots.

Here's another job you can do best

with weed killer like “Ammate.” You can spray the freshly cut stump surface, or merely cover the surface with the dry crystals. The chemical will be carried to the roots, resprouting will be inhibited, and the actual decay of the stump will be speeded. Within a couple of years, you will be able to knock out what's left with a pick or mattock.

#### **Grass and Trail Management**

As a selective spray to kill plantain, dandelion, and other broadleaf weeds in the lawn without also destroying the grass, 2,4-D can't be beat. Mix in proportions specified on the label and apply with spray nozzle close enough to the lawn to cut down on possible drift of the material to nearby shrubbery.

If your problem is grass growing between cracks in concrete walks or tennis courts, you'll want to use one of the soil sterilants discussed previously.

Hiking or riding trails through brushy country have a way of becoming overgrown. You probably don't want to sterilize the soil on the trail bed, because a mat of grass makes it much easier underfoot for either man or beast, besides cutting down the erosion and washing of the trail area during winter months.

Try spraying the brush back about six feet from either side of the trail, using one of the materials suggested for clearing underbrush. Aside from trail beautification, there's no need to clear out the dead brush. Time and the elements will take care of this in a year or two and native grasses will come in where the bushes and briars have been killed. You may have to repeat the application every three to five years, to hold back re-encroachment.

#### **Health Hazards**

We started this discussion with an example of poison ivy control, so it seems logical to wind up with the same sort of problems. Besides the dangers of poisoning from contact with poison oak, and poison sumac, there are always those bothersome hay fever cases aggravated by pollen from ragweed in the outfield of the baseball diamond or some other sneeze-producing plant in a frequented section.

The poisonous plants, all weedy types, are most easily killed with “Ammate,” using a pound of crystals per gallon of water.

In getting rid of the pollen-producing plants, which are mostly annuals, it has been found that these can be well dealt with by 2, 4-D sprays, applied before the blossoms open.

With chemical weed killer and other materials applied in a water base spray, you can get better results with less chemical by taking a tip from the orchardist. He uses a product called “spreader-sticker” in his pest control sprays in the orchard to achieve uniform coverage. This is a wetting agent with adhesive qualities. It only takes four ounces to 100 gallons of spray. Result is that spray droplets hitting the leaves will flow out evenly over the leaf surface and cling there.

In trying this chemical you can test to see whether you have the right amount by observing the action of the spray. If it stands in droplets, you need more spreader-sticker. If it flows so thinly as to spill off the edges of leaves, you have used too much. Wetting leaves beyond the run-off point is a waste of material and may result in poor control since the chemical is apt to drain off the leaf surface. If you're using 2,4-D and 2,4,5-T products in an oil emulsion, spreader-sticker is not necessary.

Reserve one sprayer for weed killing chemicals only! Don't use that sprayer to apply insecticides to your ornamental shrubs, for the weed killers will leave residue in the tank that can seriously injure any growth it hits.

By all means, follow directions on the label with exactness. Some of these chemicals produce rapid corrosion in a spray tank unless a proper job of cleaning is done. All of them are formulated to control plant growth and the dosages prescribed by their manufacturers have been worked out after hundreds of tests, to help you do a safe, effective job!

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combined in unique idea*

# Try Hiking Sticks!

BY SYLVIA CASSELL



**W**ALKING STICKS are not only for the aged and infirm. Your campers will enjoy making them as a wonderful new way to record their activities at camp.

Hiking sticks have long been popular in Europe. They are staffs upon which are fastened small medallions

or shields depicting scenes where the hiker has walked. These shields are generally made of metal and are about two inches high. Looking at a hiking stick tells one much the same story as reading the labels on a well-traveled trunk.

One day last summer I brought my

hiking stick, assembled during a European visit, to the Winnetka-Glencoe Girl Scout day camp and the campers were fascinated with it. We decided to make camp hiking sticks, using heavy metal foil for the medallions.

First of all each camper got a stick, a branch about one and a half inches in diameter found in the woods, and cut it to the length she wished. Some left the bark on; others peeled it off. One stained the peeled wood a dark brown.

## Shields Show Activities

Next, little shields were cut out of heavy aluminum, copper, or bronze foil. Designs were made on paper and then transferred to the foil. Small sticks, pointed with a pocket knife, were used as styluses. Each line of the design was gone over heavily with the stylus, and the design was thus transferred to the metal. A piece of felt placed under the metal allowed a deeper impression to be made. Many layers of newspaper can be substituted for the felt. The plaques were cut out with ordinary scissors and tacked to the staffs. A little cleaning powder, followed by furniture wax gave them a glossy finish.

Our campers decided they would set the activities for which a plaque could be placed on their hiking sticks, but the designs were left to each camper's choice. A cookout, overnight camping trip, tent camping, hikes to designated locations, and fishing were some of the activities chosen. The entire project was a completely voluntary one. The campers who participated not only had fun, but took home a wonderful and different "memory book" of camp.

## "JOE BEAVER"

By Ed Nofziger



Forest Service, U. S. Department of Agriculture

**"Why don't you decide which way you want it to fall before you cut it?"**



I GIVE MY  
PLEDGE AS AN AMERICAN  
TO SAVE AND FAITHFULLY TO  
DEFEND FROM WASTE THE  
NATURAL RESOURCES OF  
MY COUNTRY - ITS SOIL  
AND MINERALS, ITS  
FORESTS, WATERS,  
AND WILDLIFE

# Make It

## A Fire-Safe

## Summer

By P. C. HENSLER

WHEN SCHOOL is out the teaching—and learning—season begins at thousands of summer camps for youngsters and oldsters throughout the nation. Of all the subjects on the hot-weather curriculum, none is potentially more important than fire safety.

At least, that is what national fire-loss statistics suggest when they show that one-third of all deaths resulting from fire in the country involve children up to the age of 14. Not many of these deaths occur in camps. In fact, the well-staffed, well-directed camp is probably a safer spot for the average youngster than his own home.

But the opportunity and the challenge of fire safety remain. The opportunity is to inculcate sound fire-safety habits that will apply during the camper's time at camp. The challenge is to send the camper back to his home environment with lasting attitudes toward fire safety that will help him to prevent fires and to cope with those which break out unavoidably.

Since outdoor life is so much a part of the camper's summer life, he should, for example, be taught what to do and what not to do with matches. Various outdoor activities can be planned to teach the child how to handle himself around bonfires, open fireplaces and stoves. The danger from outdoor fires stems mainly from that age-old fault—carelessness.

Some children take foolish chances under the excitement of watching a fire. The old adage that "the burned child dreads fire" may be true, but if the child understood and practiced fire safety in the first place, he might never have been burned. Although fire is fascinating to watch, it always holds danger and must be treated with respect. Each flame and glowing ember can

cause untold suffering if clothing catches fire.

Here are some important points to stress: Sparks travel further than you think, so it is not wise to light a fire with a wind blowing. If there is any chance of its spreading to leaves, dry grass, moss or wood—build your fire in a safer spot. Never build too big a fire and do not poke it or stand too close to it.

But the most important point to get across to young campers is this: Never leave the fire unless you are positive the last spark is out. If it is *absolutely necessary* to leave before it burns out, throw water or earth upon the embers to make sure it is completely extinguished.

Many forest fires are caused because fires were left too soon. A campfire may smoulder for hours until a gust of wind fans it into flame again and it spreads over the countryside. Thousands of lives are lost and millions of acres of valuable timber burned in this country just because some people are careless with their fires.

Lightning ranks high as a summer fire-starter. The wise camp director and his counselors will keep children indoors during thunderstorms unless it is absolutely necessary to be outside. If remaining out of doors is unavoidable, keep away from isolated trees, wire fences, hilltops and wide open spaces, and small sheds and shelters if in exposed locations.

If there is any choice of shelter, choose in the following order:

1. Large metal or metal-frame buildings
2. Dwellings or buildings protected with lightning rods
3. Large unprotected houses
4. Small unprotected buildings

If caught in a thunderstorm while out on a hike, try to reach thick timber, a cave, a depression in the ground, a deep valley or a foot of a steep or overhanging cliff, if there are any of these in the vicinity.

A wise companion-piece to other camp equipment is a sufficient supply of approved fire extinguishers. Different kinds of fires call for different types of extinguishers. Wherever they are stationed, and whatever type they may be, see to it that fire extinguishers are kept in top-notch working condition at all times.

There is no need to emphasize here the importance of efficient and regular camp fire drills, and the necessity of obedience connected with these drills.

Older and more mature campers may be interested in learning more about use of approved extinguishers in combatting fire. In some cases, it may be possible to invite local firemen to give demonstrations for the children. These demonstrations can include taking the extinguisher down from the rack on the wall, unlocking the handle, and pumping or otherwise directing the stream to the fire.

Dramatization can also add vitality to the teaching of fire safety to campers. The National Fire Protection Association, 60 Batterymarch St., Boston, Mass., offers a fine selection of gaily colored posters which are particularly effective for camp bulletin boards. The National Board of Fire Underwriters, 85 John St., New York City, has on hand many fine prepared plays on fire prevention. Motion pictures are also available to teach fire safety.

You can see to it that the children attending your camp spend a fire-safe summer and come home in the fall as fire-conscious citizens.

# Family Camping — 20 Year Success Story

By LEON H. SMITH

IT HAS BEEN my privilege to be active in the camping field since my first experience as a camper at an organized camp in 1913. It has also been my privilege to be associated with the Des Moines YMCA Camp in one capacity or another since it was organized in 1919.

For many years we thought only of camping as it was related to and served groups of boys or girls. But for the past 20 years we have had what we consider a most worthwhile experience with family camping. This is a time when father, mother, brother

whole period, thus had the opportunity of bringing the family up to camp and spending two weekends with them. However, more and more fathers are spending the entire period with their families.

At first some parents requested that cabins be set aside for children of various ages and that the camp management furnish the leadership for these groups. However, committees of the parents and camp management decided that if this was to be a family camp, one of its main purposes was to get family groups together as much as possible. The result has been that each family lives together as a unit. As our cabins accommodate 10 people, it has been necessary all these years to put two families in nearly every cabin. At first we had doubts as to whether such an arrangement would work, but it has worked very well and some very fine inter-family friendships have resulted from this plan. I well remember our first year of family camp, when we had enough room so that a family could have a separate cabin if they wished. Such was the request of the Day family. About the middle of the period, however, Bob Day came to me and said, "We will gladly sign up right now for next year if we can be in the cabin with the Bowlsby family."

Early in our family-camp experience, it was decided that as much leadership and responsibility as possible should be placed in the hands of the campers. The result has been that each season this group has elected one of their number to be the camp Mayor for the next season's family-camp period. This has developed into the highest honor attainable, and all Mayors and their families are greatly pleased when they are elected to this position. There is a lot of fun attached to the crowning of the Mayor. A very fancy costume is given the Mayor, and he keeps it throughout the year, until the next mayor is elected. The costume was donated by one of our lodges, which was replacing its paraphernalia.

Each year a new way is devised to inform the Mayor elect of the honor that has been conferred upon him. As

an illustration, last season the group decided that one of their evening programs would consist of a style show. A committee of campers worked for several days on this important event. When the evening arrived and the big affair was held, the last couple paraded across the stage as a bride and groom. Bert was dressed as the bride and his wife Margie was dressed as the groom. They were given a wedding present wrapped up in a big box. When the box was opened, it proved to be the Mayor's costume. Thus Bert was informed that he had won the election and was our Mayor for next year's family camp. Everyone was soon up on the stage congratulating the new Mayor and his wife.

The Mayor acts as the program director of the family period, in one sense of the word. He appoints all committees, secures the speaker for our two Sunday morning church services, makes announcements to the group, etc. Of course, the camp director works very closely with him. The Mayor also sees to it that several parties, picnics, pot-luck suppers, etc., are held during the rest of the year in Des Moines, which is the home city of the great majority of our family campers. These affairs are well attended, for many friendships are developed during the camping days. The first and last of these affairs each year includes the whole families, while the others are limited to adults and are usually evening parties.

It was not long before the 'teen age young people organized and formed the "Family Camp Kids" group. They in turn now have their elected Mayor and council. These officers carry the same responsibilities for the 'teen campers that the senior mayor does for the whole group. The 'teens also elect one of the married couples of the adult group as sponsors.

In our general program for this group we have found that adults enjoy almost everything our regular boy campers do. The first night in camp everyone is urged to attend an assembly; this is the only meeting during the period that they are urged to attend. At this meeting the father of



and sister all go camping together, and thus share a most enjoyable experience. If you and your camp have not been enjoying such an experience, I strongly urge you to give serious consideration to adding such a period to your camp's schedule.

In the very beginning of our family camp experience, a committee of people who felt that they would be interested in a family camp period met. We then held a three-day period over the Labor Day weekend for two years. These proved so worthwhile that for the past 18 years we have held an eight-day family period each season. These periods have always been held as near the first week of August as possible, starting on a Saturday afternoon and closing on a Sunday afternoon. Some fathers, who for various reasons were unable to attend the

each family is introduced by his first and last name, he in turn introduces his family by their first names. The camp director then introduces the staff, telling their responsibilities. All are then urged to use first names for everyone from this time on. We believe this has been of great value to our family-camp periods.

At this meeting certain rules are explained, such as swimming only at scheduled hours when life guards are on duty. If extra swimming periods are desired by the group, arrangements are made and life guards are provided. The hours that meals are served are announced and the hours that the different departments of camp activities are open. The type of people who have attended our family camp have been such that our no-smoking-in-the-dining-room and no-liquor-in-camp rules have been observed without question.

### Crafts Popular

Campers are free to enter those forms of program that appeal to them. Leatherwork, copper pictures, aluminum trays, woodwork, stone cutting and polishing, rifle practice, boating, canoeing, swimming, athletics, archery, volley ball, diamond ball, bandy ball, horseshoes, goofy golf are all popular. For many years tournaments have been held in bridge, table tennis, cribbage, and recently canasta, when the desire for them is made known. The mayor appoints a committee which runs any wanted tournament.

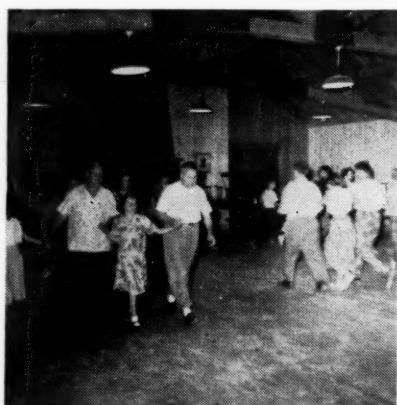
The annual ball game of boys versus girls is a big event, as is the annual so-called track and field meet for everyone in camp. This includes such events as a sack race, horse-and-rider race, three-legged race, slipper kicking by the women, etc. This meet is usually a very hilarious affair, where everyone who enters gets some sort of prize. One or more camp fires, an Indian-lore program, a square dance, a regular dance, a stage show by the leaders, etc., make up the evening programs.

One of our best evening programs is the annual white-elephant auction sale. The success of this of course depends upon the auctioneer, and one of the campers fills that job and gets a great thrill out of it. This is truly a hilarious evening for the entire family. The money received goes to provide prizes for the field meet and tournaments, secure music and punch for the dances, a watermelon feed or any other project

upon which the Mayor and his committees decide. The camp program has never seemed to be a problem for our family campers.

One of our camp staff members is assigned the responsibility of caring for the children three to eight years of age for two hours each morning and afternoon. For several seasons this person was Aunt Helen, a school teacher who was happy to do this for her fee as a family camper; for the last three years it has been Cousin Ray, one of our leaders. Both Helen and Ray have enjoyed this experience, and needless to say the mothers have all thought the idea a great one.

You all know the type of things



this group could do. The one big affair for them is the annual rock hike up Honor Creek, which flows through the camp grounds. This hike receives much publicity for several days in advance. Judges are appointed, and the child who finds the prettiest rock is awarded a small prize, with second and third place winners, also. At dinner of that day, the winning rocks are placed on display, the winners stand on chairs (so they can be seen), are awarded their prizes, and everyone congratulates them and admires the rocks.

The question of how to get the younger children to bed earlier than the rest of the campers was at first a big problem; then one day someone hit on the idea of sounding "taps" at the desired hour. Now at eight o'clock in the evening when "taps" have sounded, most of the small children go happily to bed, and if any one protests, the mother says "this is the camp rule and there is nothing I can do about it, you have to go to bed." Believe it or not, it works.

In the early days of family camping at the Des Moines "Y" camp, we felt that it was most important to choose people who would be congenial in the camp situation and then have them bring their friends. The idea clicked, and we have never had a family which didn't fit in. Satisfied families have told their friends and the period has grown, until we now have families on the waiting list each season. On the last day of each year's camp, those present are told that, if they so desire, they can make their reservations for the next season, then at our last meal the names of those who have reserved for the following season are announced. It is then stated that a letter will be mailed to them shortly after the first of the next year giving the exact date and cost for the family period. They then have until April 1st to make a deposit for each member of the family, thus definitely assuring them of a place. However, we do call those who have not made their payment before crossing off their names and putting in a family from the waiting list.

This past season of 1951 we had three families with us for their 18th consecutive season. More than half the group had been with us for five to ten seasons. The opening day of the family-camp period is better than a college reunion, for many of our closest friends are those with whom we have had the privilege of camping for so many years.

We feel that one of the reasons family camp has proved so popular is that the mother of the family has a real vacation. Good food, served in abundance in the dining hall, with dishes washed in the electric dishwasher by the kitchen staff, means that mother has as much free time as the smallest child.

### Camp Costs

Camp costs will of course, vary across the country, depending upon many different conditions. Our fees for the eight day period in 1951 were as follows: Adults-\$28.00; children eight years old through high school-\$18.80; children three to eight years-\$10.40; children under three-no fee. It is very seldom that parents bring a child under three years of age.

Several major camp improvements have been the gift of family campers who have become much interested in what the camp is doing for the youth of our community.

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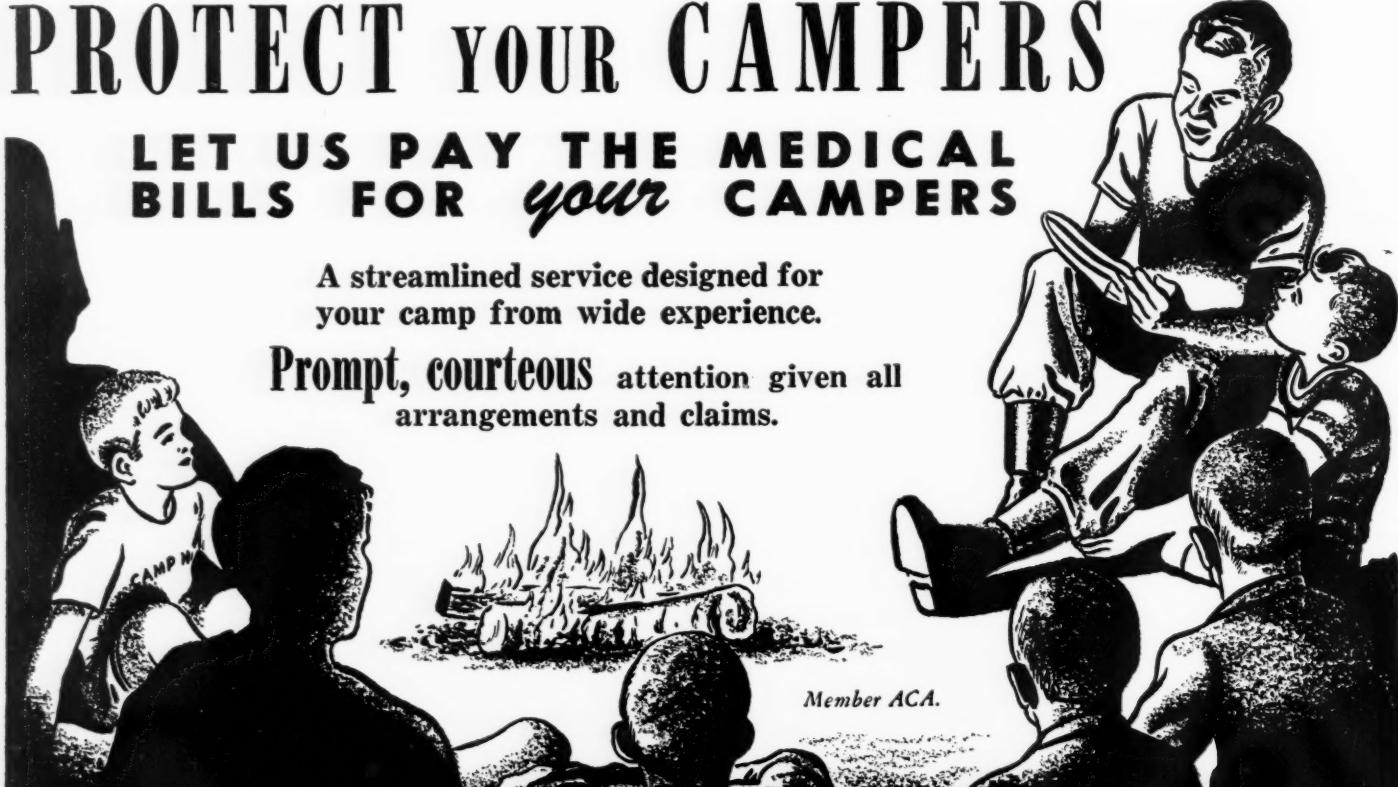


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# Adventures In the Dark

BY FRANK GEHR

LITTLE IS DONE in many camps with hikes after dark. Yet it has been my experience they produce more interest in the out-of-doors than any day trip can ever do. Here is an opportunity to introduce your older boys and girls—and even adults—to a new and thrilling phase of camping. They will all find fascination in hearing the sounds of the night woods and locating creatures seldom seen by day.

Night hikes need not and should not be long trips; even short ones around the camp district will provide much of interest. Just before starting out, I always give a little talk to the group chosen for the hike. We travel without lights, and I reassure them that they will be able to see much better in the dark than they think they will, once their eyes get adjusted to the darkness—after all, the birds and animals of the forest don't carry flashlights. I also reassure them that in no case would I ever lead them into any danger, and we plan to walk Indian file, with each camper grasping one hand of the camper in front of him, and one of the camper behind him. In this way we are reassured by all being in contact with each other, and can use sign language for signaling each other, rather than breaking the stillness.

If I hear the call or song of some wild friend, I will squeeze the hand of the camper behind me. This signal is passed all the way down the line, and means "stop and try to hear." If the path turns slightly in one direction

or another, I will pull lightly in the direction indicated; this signal too is passed all along the line. A pull downward means to duck a low limb. If I signal for a stop and then pull the hand in back toward me, it means to gather close to me for low talking. If I squeeze a hand when we are stopped, it means to resume our hike.

Any camper who thinks he hears an interesting woods sound may squeeze the hands in front of and in back of him, in order that we may all stop and listen. Campers are impressed with the fact that this hike is no time for practical jokes, that the idea is not to *act* smart, but to *be* smart.

After these explanations, we start out. I lead the way slowly, feeling my way by foot and making sure the one behind me follows the path I find best.

We may hear the sound of a cricket close by, and stop and talk softly about it. The flashing lights of fireflies call for another halt. Locating an American toad has a high reward, as the hikers take their turns placing the leader's flashlight near their nose and looking down its bright beam into the toad's eye, there to see flashed back every color of the rainbow! We talk, too, about the toad's great worth to man, how they eat harmful insects and slugs, and how without the help of these and other helpful wild friends, we just couldn't live on earth.

Roosting and nesting birds are always to be found; the nests can be found in the daytime, and re-located by flashlight at night. Tracks along

lake or stream tell stories to be read and understood. Spiders working busily to repair a broken web or rushing to make sure of the capture of a snared insect are a sight never to be forgotten.

Many flowers sleep at night and present entirely different pictures from their daytime appearance. Others awaken by night and sleep in the daytime. Moths on the move will come into or near a light beam. The stars above also tie in well with night hikes.

I never plan on having the group on the move at all times. We stop often and talk of many things: the things of nature we are observing, ideas and plans for improving camp activities, why certain rules are necessary, stories of the Indians who earlier inhabited the area, and many other similar subjects.

When we return to camp we always have a low-voiced discussion of what we have seen, and end with a reminder that, since most bedtime preparations were made before we started out, we can all roll in quietly and without lights, just as we did on our expedition.

To many a person's surprise, it is neither difficult nor impossible for even a beginner to achieve success with hikes of this sort. The important thing is to plan beforehand for the trip, have a number of facts and stories ready, and then go ahead. Try this form of evening camp activity. You will soon find it is one of the highlights of your camp, which will be talked about for days after each hike.

# ACA NEWS

## Sweet Named ACA President as Illness Forces Ott Resignation

ACA's national executive committee recently accepted with great regret the resignation of Elmer F. Ott as National President of the Association. At the same time it was announced that Herbert Sweet, senior vice-president of ACA has been named to fill the presidential vacancy.

Mr. Ott is convalescing from a severe heart attack, which will make it impossible for him to resume his ACA duties for some time. Members of the Executive Committee, individually and collectively, expressed their reluctance to accept his resignation, and did so with the thought that Elmer would be considered as an "honorary chairman of the board."

A message from ACA's new chief officer, who is admirably fitted through past experience to take over this important post, appears on the next page of this issue.

### Small-craft Training Courses Announced

Announcement has been received from the New England Section of ACA of two small-craft schools during the 1952 pre-camp season. A Canoeing School will operate at Camp Kehonka, Wolfeboro, N. H., from June 15 to 22, while a Sailing School will take place at Camp Fuller, Wakefield, R. I., from June 22 to 27.

For the Canoeing School, cost, will be \$40; costs for the Sailing School will total \$35. Canoeing applications should be sent to S. W. Stocker, YMCA, 160 Broad St., Providence, R. I., while Canoeing applications should be sent to Miss A. E. Weber, Bradford (Mass.) Junior College.

The American Red Cross has also announced a small-craft school, to be held June 11-12 at Woodland Summer Camp, Eagle River, Wisc. Applicants must be 18 years old. All-inclusive fee for the 10 days is \$45. Applications or request for further information should be addressed to James H. Carnahan, Chicago Chapter ARC, 529 S. Wabash Ave., Chicago 5.

Left, Herbert Sweet,  
right, Elmer F. Ott.



### OPS Issues Camp Tuition Freeze Rules; Low-Rate Non-Profit Camps Exempt

Tuition price freeze regulations covering summer camps were issued February 6, 1952, in Washington by the Office of Price Stabilization. They were effective February 11, and provide that within 30 days of that date camps must prepare and file a statement with the District office of the OPS a statement showing camp charges. Camps must also conform to certain record-keeping requirements set forth in Section 18 (a) of Ceiling Price Regulation 34.

Final determination of the freeze application to camps came after long negotiation between representatives of ACA and other camping groups and members of the staff of OPS. Camps of all types, including both agency and private, were represented in the negotiating group. They report that the regulation as issued represents the best compromise they could obtain from OPS, although it does not meet their complete satisfaction, since it does not classify camps as educational institutions.

The new order is in two parts. For those camp directors who may wish to secure their own copies for study — which would seem a wise move — the first part of the order is titled "Summer Camps for Children" and is designated Ceiling Price Regulation 34, Supplementary Regulation 12, Feb. 6, 1952. The second part is titled "Certain Non-Profit Summer Camps" and given the number General Overriding Regulation 14, Amendment 8, Feb. 6, 1952.

Basically, the order exempts from

ceiling-price regulation the charges of non-profit summer camps whose total charges to campers do not exceed \$30 per week per camper. With the exception of the under-\$30 group, all camps whether operated for profit or not, are covered by the regulation. Moreover, accommodations furnished to visiting parents are also covered by the order.

Camps which are covered by the regulation are given their choice of two ways of calculating their tuition ceiling. The regulation states they may not charge for the 1952 season more than either their 1950 tuition plus 8%, or their 1951 tuition without any addition. The choice is left to the camp operator. In either case, the tuition charged must be for offering "substantially the same service" as in the year chosen as the basis for 1952 tuition rate.

Several other items in the order are worth noting. It states, for example, "if any individual camp finds itself in financial difficulty, it may file an application for adjustment." Again, if a rate increase for 1951 was announced in writing, either before or during the season, whether or not it was actually charged the camp may use this announced rate as its basis for 1952.

Camps which did not operate during the rate-basing period, or camps which propose to provide new camping services, are directed to determine applicable ceiling prices "under either section 6 or section 7 of Ceiling Price Regulation 34, whichever is applicable."

# ACA NEWS

## New ACA President Outlines Projects; Calls on All Members to Help

BY HERBERT SWEET

WE ALL DEPLORE the fact that our able President and close friend, Elmer Ott, has been temporarily withdrawn from ACA Leadership at his physician's order. In his absence we'll try to carry on along the trails he charted. His loss is keenly felt and we all await the day that he can again return to active service in the Association.

Although I've had the opportunity to serve on the ACA Board and (later) the Executive Committee during the last five years, it was not until the present responsibilities were assumed that I realized the magnitude of the job at hand. The Camping Association is not huge in terms of members (5,000) or finances (\$50,000), especially when we realize these members and finances are spread across the nation. But the scope of our operations is vast, the nature of our functions is variable, and the spirit of our group is vibrant.

There is a tremendous amount of work being done by our 44 Sections, our 21 national committees and our small national office. It would be misleading to imply that all Sections and all committees were performing at maximum efficiency. Some changes are needed and will be effected for the improvement of service to our members. I'm sure all members would be surprised, as I was, to note the volume of "business" handled or coordinated for these Sections and committees by our national office.

It might be interesting if we listed briefly some of the projects moving forward under the stimulating leadership of the Executive Committee and through the energy of the national office:

The Lilly (Camping Census) Study.  
Promoting, processing and servicing of some 5,000 members.

Developing of new publications in camping.

Coordination of CAMPING MAGAZINE.  
Guidance of the Annual Workshop.  
Development of the national convention.

*Herb Sweet, ACA's senior vice president is now serving as President, following Elmer Ott's resignation because of illness. Herb is admirably suited for this position of responsibility with ACA, having served as President of the Indiana Section and as National Chairman of the Day Camp Committee, prior to his election to the vice-presidency.*

Assistance to 44 local Sections.  
Stimulation of 21 national committees.

Replying to some 2,000 requests annually from the public.

Promotion and direction of a national public-relations program.

Development and guidance of several collegiate research projects.

Approaching of several philanthropic foundations.

Initiation of "standards" for day camping.

Implementation of resident "Camp Standards."

Coordination of representation in legislative matters on local state and federal levels.

Guidance of an intercultural, interracial, and international program.

Assistance to the nominating committees.

Stimulation of a program for professional recognition.

Promotion of school-camping conferences and pilot projects.

Development of a directory for "specialized camps."

Coordination of a program of spiritual emphasis in camping.

It is plain to see that any one of the above activities could well become a full time pursuit for our Association. The fact that we've undertaken action in these areas (and this is not the complete list) bears out my earlier contention that a tremendous job is being accomplished.

Obviously, our national staff of a few people working with a limited budget, could not be expected to do all the work described. Several hundred

officers and committee chairmen on the local, regional and national level are making significant contributions to the on-going program of your ACA. Since we all profit by the work being accomplished, perhaps we should take greater interest in it.

Yes, there's a big job being done and room for everyone to help do a bigger job. Your national officers and executive-committee members have accepted the responsibility of serving you by "extending and improving camping" as outlined in the ACA Constitution. We recognize that "extending camping" means interpreting camping to other professional groups, the government, and the general public . . . and that we are doing. We realize that "improving camping" implies raising standards, conducting research, providing leadership and disseminating information

In summary, here is the message I'd like to leave with you at this time: Almost every group, trade or profession in this nation is "organized." We, in camping, whether we are owners, directors, executives, counselors, instructors or interested laymen, need our professional organization (the ACA) now more than ever before. We need it as a strong force to represent good organized camps of all variety and to speak for the people connected with these camps. Through its Board of Directors, ACA has this power to represent; through its Executive Committee and national office, ACA has the stature to speak.

We can all help enhance the role and work of ACA. We can each voluntarily upgrade our classification of membership and pay dues in a higher bracket—few of us will be out-of-pocket on this. We can each invite into membership our non-member camp director friends and staff or board members. We can each seek out our Section President and advise him of our willingness to serve on a committee. We can each plan now to attend our local and national meetings. We can each get behind our Association and give it the support (physically and financially) it needs to do a bigger and better job for all of us engaged in camping—the finest work in the world.

# A C A C O N V E N

## BIGGEST, BEST ACA CONVENTION EVER Planned for Chicago, April 16-19

THE 1952 National Convention of American Camping Association, which will be held April 16-19 at Hotel Conrad Hilton (formerly The Stevens) in Chicago is expected to provide a stellar program which will prove not only attractive but highly informative and stimulating to all camp owners, directors and staff people throughout the country. For that reason, plus the fact that Chicago is singularly well located as concerns accessibility to all parts of the United States and Canada, the meeting next month is expected to draw the largest number that has ever attended a camping meeting anywhere. Registrations should be sent in now, to Miss Ursula Maethner, Chi-

cago Teachers College, 6800 S. Stewart Ave., Chicago 21.

Convention Chairman Joseph N. Clemens, and the large group of workers in the Chicago area who have borne the load of planning for and arranging the convention, are looking forward to the pleasure of greeting every camp person during the meetings. Mary Farnum, chairman of the committee which will man the Hospitality Booth at the conference, says: "Our Committee intends that each delegate and members of their families will learn to know the great heart, beauty and warmth of Chicago. Many special extra events have been arranged for our visitors, and it will be to the



advantage of all to visit the Hospitality Booth immediately on registering."

In addition to the April 16-19 sessions, there will be several meetings before the convention proper. ACA's National Executive Committee will meet April 14, and the National Board of Directors of the Association will meet on Tuesday, April 15. A special

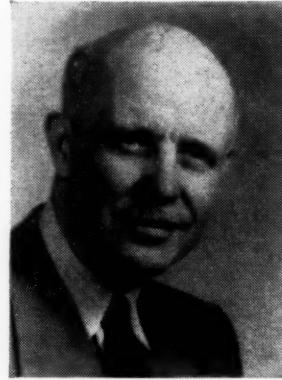
## Headline Speakers Who Will Address the Major General



"MORAL AND SPIRITUAL Values in Camping" will be the topic of the keynote address, by Dr. Lowell Brestel Hazzard, Professor of Old Testament, Westminster (Md.) Theological Seminary (*above*).

An outstanding religious leader, Dr. Hazzard is also a gifted orator and a prolific writer on the subject in which he is an accepted authority. A most popular speaker among young people, he reflects the type of leadership that has deep understanding of basic needs in a rapidly changing world.

Born in the middle west, Dr. Hazzard was graduated from Ohio Wesleyan University. He received his D.D. at Northwestern University and an honorary Ph.D. from the University of Edinburgh.



"CHARACTER THROUGH Music—A Singing Camp" is the topic of the presentation scheduled by George Campbell (*above*). Widely known as "the nation's top song leader," Mr. Campbell endeared himself to ACA'ers by his superb performance at the 1950 National Convention.

He has led group singing and spoken before hundreds of business groups, conventions, churches, YMCA's, and other groups from coast to coast. In addition, during World War II he served 37 months in the Army as a music officer assigned to the Morale Services Division.

Previously, he had been music chairman for Kiwanis International, director of music for George Williams College, and a YMCA program director.



"BETTER CAMPING Through Better Administration" is the title of the feature address to be given by Dr. Arthur A. Schuck (*above*) chief scout executive of the Boy Scouts of America.

Active in youth work for more than 39 years, Dr. Schuck has held the highest administrative post in the Boy Scouts for the last four years, since his unanimous selection for the position in 1948. Born in Brooklyn, N. Y., he served Scouting in six states and the District of Columbia, before becoming chief scout executive.

This combination of youth-work experience coupled with solid administrative ability is expected to make Dr. Schuck's talk an outstanding contribution to the convention.

# TION NEWS

## Thumb-Nail Schedule of Convention Is Listed by ACA Committee

### Wednesday, April 16th

9:30 a.m. Registration.  
9:30 a.m. Kindred Group Meetings.  
8:00 p.m. General Session.  
9:00 p.m. Grand Opening of Exhibits.  
10:00 p.m. Square-dancing and Entertainment.

### Thursday, April 17th

9:00 a.m. Registration continues.  
10:30 a.m. General Session.  
2:00 p.m. Fifteen small sessions and demonstrations.  
8:00 p.m. General Session.

### Friday, April 18th

9:00 a.m. Registration continues.  
9:00 a.m. Small sessions and demonstrations.  
12:00 noon. ACA Official Luncheon.  
8:00 p.m. General Session.

### Saturday, April 19th

10:00 a.m. Two General Sessions.  
2:00 p.m. Small sessions.  
8:00 p.m. ACA Official Banquet (adjourning early enough to catch trains, planes, etc.).

## Sessions at ACA National Convention



"CAMPING IS EDUCATION" is the title given to the general-session address to be presented by Dr. Eduard C. Lindeman (*above*.) Until his retirement a year ago, he was professor of social philosophy at the New York School of Social Work, Columbia University. He has also served as visiting professor in a number of universities in this country, and abroad at the Univ. of Delhi, India.

Dr. Lindeman's activities include serving as president of the National Child Labor Committee, member of the National Committee on the White House Conference on Children and Youth, and as a trustee of the American Civil Liberties Union.

He is widely known and highly regarded in camping circles.

"SCHOOL CAMPING—An Adventure in Education" is the topic of an address which will be given by Julian W. Smith. Mr. Smith is National Chairman of ACA's School Camping Committee and has been a leader in the development of school camping in Michigan, where he is connected with the State Department of Public Instruction. His talk on latest trends in this fast growing branch of camping is sure to prove of interest to all delegates at the convention.

"THE ROLE OF Camping in Tomorrow's World" is the topic chosen for the closing address at the 1952 ACA Convention. The speaker will be announced shortly.

Well-known to many camping people and a noted authority in his own right, the speaker is expected to create a challenge to those in attendance at the convention, pointing up how the general theme of the conference "Better Camping—for All" sounds a vital call for reawakening of moral and spiritual values in human behavior and relations.

It is altogether appropriate that this closing address should be visionary in nature, looking forward toward the great opportunities in service which beckon to all camp people.

## Entertainment Planned For Convention

Chicago offers unusual and varied entertainment possibilities for the entire family. The Conrad Hilton Hotel (formerly the Stevens), noted as the largest and friendliest in the world, lives up to its reputation. Because of its size, it contains a shopping center, four restaurants, and an unusual and most wholesome family feature, it's Ice Revue.

The selection of dates is a happy one for those who prefer the outdoors. The Hotel is located in a most strategic spot, with Grant Park and Lake Michigan at its doorstep. Tours of historical and education interest will be available as well as information on specific attractions and tickets to the Studios, Theaters and Galleries.

## Photo Credits This Issue

Cover, Camp O-Tahn-Agon from Fred Schroeder. Page 13, Camp Anna Behrens. Page 14, left, National Girl Scout News Bureau; right, Girl Scouts of Greater St. Louis. Page 15, left, Paul Parker Photo; right, Piedmont (S.C.) Area Girl Scouts. Pages 16, 18, E. I. duPont de Nemours & Co. Page 19, Winnetka-Glencoe (Ill.) Girl Scout Day Camp. Pages 21, 22, Des Moines (Iowa) YMCA Camp. Page 25, Frank Gehr. Page 28, Senic View, Kaufmann & Fabry. Page 36, John F. Brock. Page 44, Camp Sierra.

# ACA NEWS

## National Officers and Committee Chairmen of American Camping Association

### Officers

*President:* Herbert Sweet, Acorn Farm Camps, Carmel, Ind.  
*Vice President:* Mrs. Richard Beckhard, G.S., 155 E. 44th St., N. Y. C.  
*Vice President Elect:* Jack A. Cheley, 601 Steele St., Denver 6.  
*Treasurer:* T. R. Alexander, YMCA, 304 Wood St., Pittsburgh 22.  
*Treasurer Elect:* Gene H. Altman, 7171 W. Park, St. Louis 17.  
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### Camping Magazine

*Editor & Publisher:* Howard P. Galloway, 705 Park Avenue, Plainfield, N. J.

*Advertising Mgr:* John B. Topping, 705 Park Avenue, Plainfield, N. J.

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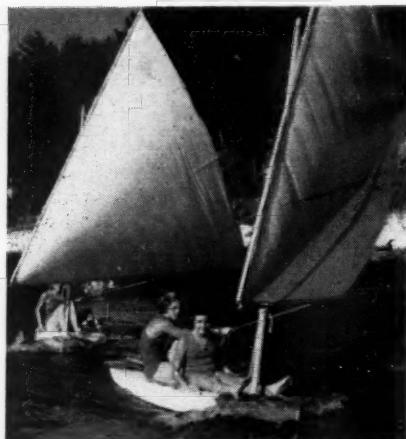
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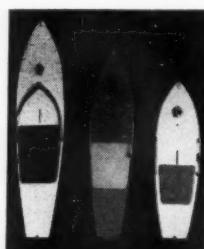
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## ACA NEWS

### Camp Week April 13-19; Publicity Aids Listed

The annual observance of American Camp Week, April 13-19, will serve as a springboard for camp publicity campaigns throughout the country. Setting aside one week helps to point up the year-around publicity of camping. The more the public knows about camping — the more camping will grow!

The success of American Camp Week depends upon the combined efforts of each section of the ACA. The Sections would perhaps find it best to divide themselves on a community basis for the activities of American Camp Week. Here are some suggestions that may help you bring camping before the public in a way that will make it sit up and take notice.

1. A Camp Week proclamation by the Governor and the Mayor.

2. Advance publicity in the newspapers, such as feature stories on the activities of the local Scout troops' preparations for the week, announcements of coming events, and pictures of the chairmen of the campaigns.

3. A newspaper feature spread on the camps in your locality, with pictures of the camps in action, young people who are active in camping, and interviews with educational and recreational leaders on the importance of camping.

4. Radio publicity can reach a very large part of the public. Campers can prepare dramatic skits, round-table discussions on their own level, and a program of camp songs. The appeal of local talent is very good, people are sure to listen to their own children!

5. The value of radio publicity is great but television offers just as much and perhaps more! Community groups that are concerned with camping, the YMCA, YWCA, Scouts, churches and private camp directors, could sponsor a television round-table on camping. Parents would be able to question camp officials, doctors, educational leaders, and parents of campers on the importance and value of camping. An ACA official or member would be excellent as a moderator for this program. Television could also be utilized as a means of the campers demonstrating their skills, the showing of movies of camps, and for spot publicity be-

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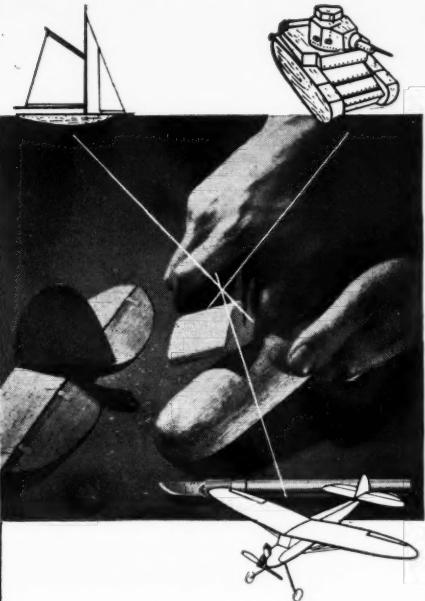
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## ACA NEWS

tween shows that would remind the public of American Camp Week.

6. The local department and sporting goods stores can be used to display camp activities and equipment. An actual demonstration of camping skills could take place in a store window. Booths set up in the stores and staffed by ACA members could serve as a means for answering questions on all phases of camping.

7. Women's clubs, businessmen's groups, the PTA, church groups, and social clubs are an excellent place to give talks and show movies on camp life. Perhaps more of these groups could be interested in setting up scholarships for children who could not otherwise afford to go to camp.

8. A reunion of campers and their friends could be planned for this week. Each camper could bring a friend who might be interested in camping and help spread interest among children of camp age.

9. A family outing could be planned for the Saturday of American Camp Week. Campers could demonstrate to their friends and families the skills that they had learned through camping. Perhaps the campers could cook a picnic supper for the group. This outing would be a valuable way to show the contribution camping can make to family fun.

10. The schools of your community could be encouraged to work with you in the observance of Camp Week. English students could write stories of their camp experiences, for the school newspaper. The different classes could plan assembly skits and displays of camping skills and activities. At the end of the week, parents could be invited to a school program on camping.

11. An actual camp site could be set up in a local park. This would enable the public to see just how a camp operates. Perhaps one of the camps that is close enough to the community for easy transportation could be opened for public inspection.

12. Don't forget the value of posters in store windows and other prominent places. A tag could be given to the campers of your community saying, "I'm a camper, are you?" This would help arouse spirit and interest among the children. Keep the fact that it is American Camp Week constantly before the public.

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**Section Reports on  
Current Activities**

**Region I**

NEW ENGLAND SECTION held its annual meeting and convention in Boston on February 8-9. More than 800 attended and took part in a fine program packed with many kinds of helpful information for camp owners, directors and staff.

Headlined speakers included D. Winston Hartman, ACA National Public Relations Chairman, Minneapolis, Minn; Dr. George G. Deavor, Lenox Hill Hospital, New York City; Dr. Wendell Yeo, Dean, School of Education, Boston University; Dr. Louise Bates Ames, Gesell Institute, New Haven, Conn.; Bradford W. Eddy, Professor of Public Relations, Boston University; and Dr. Daniel Prescott, Chairman, Department of Education, University of Maryland.

**Region II**

CENTRAL NEW YORK section held its mid-winter meeting January 24 at Syracuse, N.Y. The theme of the conference was, "Serving Community Needs." Harlan G. Metcalf, of the Cortland State Teachers' College, presided.

In addition to the panel session and discussion meetings, the section laid plans for its annual up-state camp conference in March and for a pre-camp staff training conference at Watkins Glen, June 2-7.

—Madeline Sanford

EASTERN PENNSYLVANIA section has announced it will be host to the Region II ACA conference in 1953. The conference is expected to be held in Philadelphia during the last week in March.

"Some Implications of Group Dynamics for Camping" will be the theme of the section's camp meeting April 24. In connection with the annual Schoolman's Week Program, the principal speaker will be Dr. Kight of Temple University.

Other section dates include an in-camp training institute on May 3-4 and a Junior Counselor training course running April 14-June 1.

NEW JERSEY section considered "Menu Planning and Food Purchasing" at its dinner meeting held February 13. The speaker was Miss Marie Doermann, Extension Nutrition Specialist, New Jersey College of Agriculture. Scheduled for the March meeting is a talk on "How to Get More Primitive Camping into Your Camp."

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Camping Magazine, March, 1952

The speaker will be William Hillcourt, Boy Scout National Director of Scoutcraft.

NEW YORK section held its 1952 camp conference at the Museum of Natural History February 1-2. Lois Goodrich was conference chairman and presented a program built around the individual needs of children and how camps can best meet them. Among the principal speakers were, Dr. Rudolph Wittenberg, Miss Gladys Andrews, Dr. Robert I. Levy, Graenum Berger, Dr. Gunnar Dybwad, and Miss Margaret Williamson.

### Region III

VIRGINIA section held a meeting March 1 in Richmond, the central theme of which was "Implementation of ACA Standards." The section has scheduled a leadership training institute for April 26-27.

The VIRGINIA section, which was organized about a year ago, is publishing a fine monthly news letter for its members. Mrs. Wolfgang Behl of the Richmond Community Council is editor. Section officers are: James H. Pless, President; Mrs. M. J. Ferguson, Miss Gladys Russell, and T. S. Garnett, Vice-Presidents; Mrs. Behl, Secretary; and Miss Lillian Lee, Treasurer.

### Region V

CHICAGO section met February 8 to hear Dr. Harry D. Edgren speak on "Creative Aspects of Recreation in the Camp Setting." Second was a presentation by Richard Chase of a program

dealing with folk lore, ballads, and dances. For its March meeting the section plans a demonstration of camp aquatics sponsored by the ACA and held at a local pool.

MICHIGAN section has appraised 90 camps in the state to date and is proceeding to appraise the balance of the camps which are members of the ACA in Michigan. The Board of Directors voted \$1000.00 for the use of the Appraisal Committee under the chairmanship of Sidney N. Geal to complete the appraisals this summer.

The annual election brought into office Kenneth W. Smith as Vice-President; Frances Ash, Treasurer; and Eugene A. Hubbard, Board-Member-at-Large. Hold-over officers are Stanley J. Michaels, President; Mrs. Ruth DeWindt, Second Vice-President; Douglas Salisbury, Secretary; Mrs. Paul Hunsicker and Russell B. Daubert, Member-at-Large.

MCA and the Michigan Audubon Society will again hold its Nature Camp April 14-19 at Camp Mahn-Gotah-See for nature counselors. The Annual School of Camp Skills will be held at Michigan State College May 23-24 for counselors.

MINNESOTA section has elected as its president Armin F. Luehrs.

### Region VII

ARIZONA section held a February meeting in Phoenix. "Camp for the Younger Child" was the meeting's theme.

The section will hold its spring conference at Spur Cross Ranch, Cave Creek, Arizona March 28-29. Fred Wilson, authority on the lore of the southwest, will be keynote speaker on the theme "Camping on the Southwest."

A Red Cross Aquatic School will be held at Granite Dells June 8-18.

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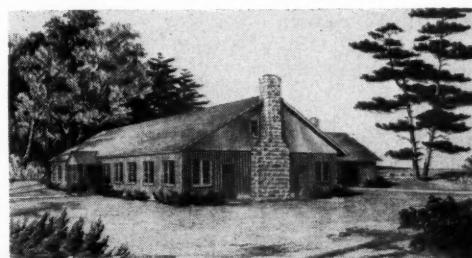
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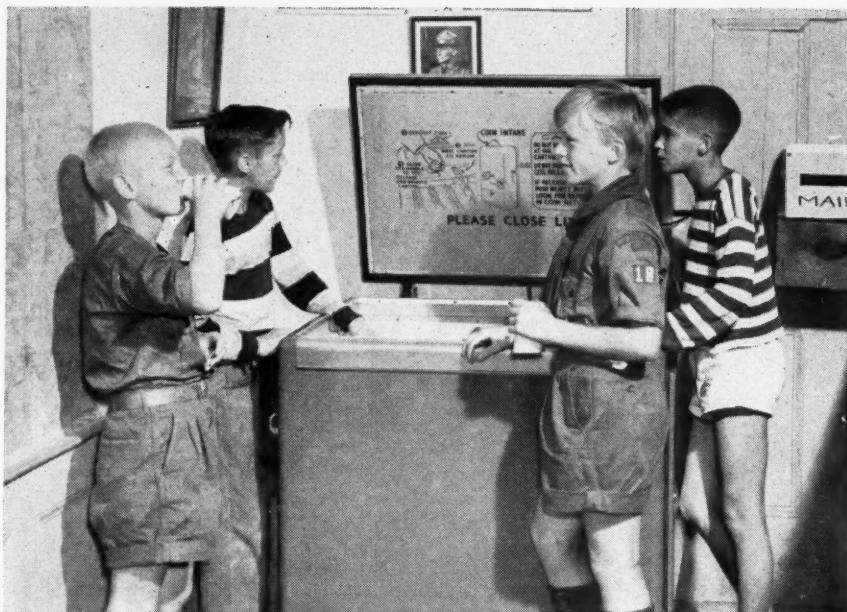
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*Cornell survey shows that vending machine encourages campers to:*

## Drink More Milk

By ODIN WILHELMY, JR.

ONE OF THE MAJOR responsibilities confronting directors of summer camps is that of maintaining or improving the health of the boys and girls entrusted to their care. Along with proper rest, exercise, and a healthful program of activities, good food is an important factor in achieving success in this regard.

Most camp officials take especial care to see that their campers receive a nourishing diet in the mess hall. Perhaps not so much attention is given to purchases of candy, ice cream, soft drinks, and other snacks in camps where these are sold at the camp "store" or available from other sources—and the contribution, good or bad, that these purchases make to the campers' health.

An experiment carried out this past summer at a Boy Scout Camp near Ithaca, N. Y., offers a clue to one method of shifting camp-store buying habits in the direction of more healthful refreshment.

In June 1950 the School of Nutrition, in cooperation with the Department of Dairy Industry at Cornell University undertook a study of milk-vending. Previous surveys had indicated that one of the food nutrients most often deficient in American diets

was calcium—for which milk is a major source. Statistics also showed that per capita fluid milk consumption in the United States had been dropping steadily since 1945.

Since other beverages had been profitably marketed through vending machines, the question naturally arose—might not milk be successfully sold in the same way? A few men, believing that it could, had been vending milk for the past decade; but the number of such operations was quite limited.

The School of Nutrition undertook to find out what had already been done in the milk-vending field, what special problems are encountered in running such a business, and what were the possibilities of using vending machines to get people to drink more milk and thereby improve their diets.

The principal phase of this experiment involved the installation and operation of several machines on the Cornell campus, where they could be observed first-hand and a close check kept on their use by students over a one-year period. To supplement the knowledge gained from this experiment, it was decided to try a machine in other locations. One of these was the previously mentioned Scout camp. The results obtained here were even

more striking than those found at the University.

A manually-operated machine was installed in the camp store during three weeks of the camp season. Plain and chocolate-flavored whole milk were delivered to the camp by the dairy which supplied the camp mess hall. The milk was sold in half-pint containers at five cents per unit, the price being made possible by a subsidy. The camp storekeeper was responsible for filling the machine, cleaning it, supervising its use, placing orders, and keeping sales records.

The machine operated in competition not only with other products sold at the store, but also with the unlimited supply of milk provided to campers at mealtimes. The store was open, and the machine available for use, only six hours each day.

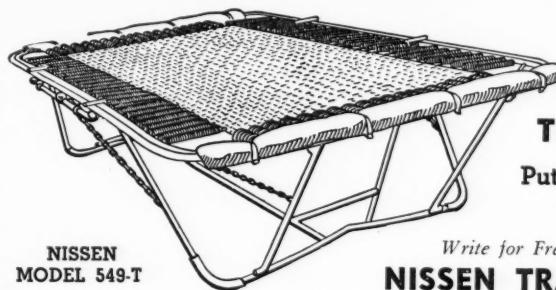
Under these circumstances, the total sales from the machine were all the more remarkable. Over a 19-day period, sales totalled 1,878 units, or an average of 99 units per day in a camp population (campers plus staff) of 125. Chocolate milk outsold plain by 7 to 1. Over the same period, total soft-drink sales at five cents each were 120 bottles, while total sales of four frozen products were 552 units.

The popularity of the machine is apparent in the above sales data. It can be safely assumed that it contributed to the health of the boys at the camp. However, certain economic limitations on the use of such machines must be recognized.

Because they are relatively isolated from urban areas and from each other, summer camps in general are not good locations for a commercial milk-vending business. If a milk-vending machine were to be made available to a given group of summer campers, it would probably have to be installed and operated by the camp itself. This is not an insurmountable obstacle, however.

For the dairy which supplies the machine, it represents a new outlet for its products. For the campers it represents a healthful and refreshing beverage, readily available. Given sufficient interest in doing so, it would probably be feasible in many instances to purchase and operate such a machine through the cooperative efforts of the dairy, the camp, and the campers' parents. Once accomplished, the benefits accruing to the campers' health would more than outweigh the effort and expense put into the project.

Nissen Created America's  
**ORIGINAL Standard TRAMPOLINE\***



NISSEN  
MODEL 549-T

\*Reg. U.S. Pat. Off.

SPORT - EXERCISE -  
RECREATION -  
SPECTATOR  
APPEAL  
with  
**TRAMPOLINING**

Puts the "Big Jump" in  
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**NISSEN TRAMPOLINE**

200 A Ave., N.W.

Cedar Rapids, Iowa

## 2 sure, easy ways to **FREE YOUR CAMP FROM INSECT PESTS!**

**T**ake your choice of these two quick, economical methods of wiping out flies and mosquitoes. Keep your campers happy, well, and on your rolls for the whole season. Hundreds of modern camps use TIFA.

**1** See your local "custom fogger"\*, the man who gives your area TIFA service. His amazing TIFA machine will discharge the necessary insecticides in a true clean fog which spreads rapidly . . . clings to all objects . . . permeates tiniest crevices. Insects can't escape it!

**2** Or have your own TIFA. TIFA is one-man operated, proved by tests the most efficient, economical and fastest way to eliminate insects. Write for circular.

\* Name of custom fogger nearest you sent on request.



**TODD INSECTICIDAL  
FOG APPLICATOR**

CARRYING UNDERWRITERS' LISTING SEAL

**COMBUSTION EQUIPMENT DIVISION  
TODD SHIPYARDS CORPORATION**

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*McKnight Publications*



## LEATHERCRAFT TECHNIQUES & DESIGNS

By JOHN W. DEAN

An advanced manual of leather-work, reflecting thirty years of experience in leatherwork and teaching leathercraft. Five major sections: Leathers and Tannages; Tools; Processes; Designs; Projects. Contents include weights and grades of leather; buying leather, modeling tools; stipplers; stamping tools, incising knives, coloring, cementing, etc. Many projects and designs. \$5 at your craft store or order direct.

*Write for catalog of how-to-do-it manuals for craft and hobby activities at home.*

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**& CHEMICAL CO., Inc.**  
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## News Notes

### Individual Cereal Servings Promoted by Kellogg

Individual packed servings of cereal, "Kel Bowl Packs" are being promoted by the Kellogg Co. The packs are made so that campers may eat directly from the box, thereby cutting serving and dishwashing costs. The individual servings of cereal are handy for pack trips and hikes.

The Kellogg Co. has included in each case of "Kel Bowl Pacs" a dividend certificate that is worth points toward merchandise or has cash value. A prize catalog is available.

### Plastic Band-Aids Help Camping First-Aid

Plastic Band-Aid Strips (plastic adhesive tape with a small pad of absorbent gauze in the center) have been introduced by Johnson & Johnson. Ready-to-use, thin, and elastic, they stretch with every movement, so they stay on hard-to-bandage places. Camp doctors and nurses will appreciate their handiness and durability. They are waterproof and shed dirt and grease. The Band-Aids, individually wrapped and completely sterile, are suitable for first aid treatment of campers' minor cuts, scrapes, and scratches.

### American Playground Device Co. Purchases Entire Town

American Playground Device Co. has purchased the entire town of Nahma, Mich. The town was purchased last September from the Bay de Noquet Co.

American Playground Device Co. hopes to promote the civic interests of Nahma along with the expansion of the company. The company manufactures playground, swimming pool, park, picnic and locker room equipment, and also operates a factory at Anderson, Ind.



## SPECIAL TRIAL DEAL

Delicious FRUIT DRINK Flavors

(Three different flavors — enough to flavor 72 gal.)

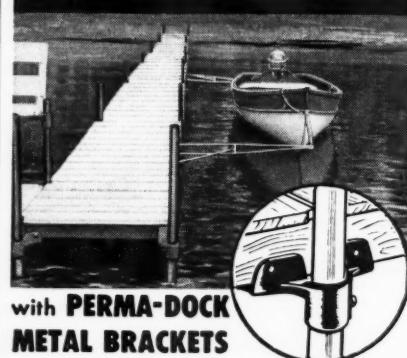
**ONLY \$8.00**

**AN INVESTMENT  
YOU WILL NOT REGRET**

**SMITH-JUNIOR CO., Inc.**

12 Saratoga Ave. Rochester 6, N. Y.

**A BETTER DOCK**  
without working in water



with PERMA-DOCK  
METAL BRACKETS

Why put up and take down an old-fashioned dock the slow, tiresome way, working in cold water Spring and Fall? Do the job in half the time with "PERMA-DOCK" Metal Brackets which provide a quick, easy method for putting up a stronger, safer dock without working in water! Simply build wooden dock sections on shore, attach "Perma-Dock" Metal Brackets and float into place on boat. Then stand on dock and drop steel pipes through brackets and drive into place. Brackets lock securely on pipes with set screws, yet are easy to adjust for changing water levels. You can take the dock down in sections just as fast as you put it up. Brackets in 3 sizes for 1 1/2", 1 1/2", and 2" standard steel pipes. LOW FIRST COST and a permanent dock.

WRITE FOR CIRCULAR showing different dock layouts and price list on "Perma-Dock" Metal Brackets and Boat Mooring Bars shown in photo above.

We sell direct or through established dealers.

**CENTRAL MACHINE WORKS CO.**

1221 Central Avenue, Minneapolis 13, Minn.

Camping Magazine, March, 1952



# "No Camp Fire Fighting Equipment is Complete Without INDIAN FIRE PUMPS"

Says MAX J. LORBER, Director of Camp Nebagamon

(Camp Nebagamon is located 25 miles from Superior, Wis. and 30 miles from Duluth, Minn. It is in an area completely devoid of fire protection and caters to youngsters from 21 states throughout the middle west.)

**READ WHAT MR. LORBER SAYS  
ON THE VITAL SUBJECT OF  
FIRE PROTECTION:**

"We have used INDIAN FIRE PUMPS for many years. We have had two brush fires which these INDIANS put out and I am sure we would have suffered dire consequences if this equipment were not available. The main feature of these pumps that appeals to us is their portability.

Hardly a day goes by we do not use these pumps to put out cook-out fires and Council fires. If we never used the pumps for any other reason we would have them for extinguishing the above mentioned fires.

I believe proper fire fighting equipment should be in every camp and no camp fire-fighting unit is complete without INDIAN FIRE PUMPS."



Have you Ordered INDIAN FIRE PUMPS  
for Civil Defense? Be prepared!

Are YOU ready for fire? You will be if you have an ample supply of INDIAN FIRE PUMPS. Don't take chances. Your children's lives are dependent upon your precautions. Send for descriptive circular and price list today.



Smith INDIAN  
Drinking Water & Supply Tank  
(Many uses in every camp)

**D. B. SMITH & CO.**

PACIFIC COAST BRANCHES:

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CANADIAN  
AGENTS:

## Grease Removal Problems Posed by New Detergents

Experience in camps during the 1951 season, as well as reports from municipal and other sewage plants and research studies underway at New York University, have indicated anew that continuous use of synthetic detergents in camp dishwashing, shower, and clothes-washing facilities, is likely to result in serious malfunctioning of the camp's sewage system. Charles E. Pound, director of planning, construction and maintenance of camps operated by the Greater New York Boy Scout Council, reported in the February 1951 issue of CAMPING MAGAZINE that presence of synthetic detergents caused a carry-over to filters of suspended greases in waste water, rather than permitting its unloading in sedimentation tanks.

In later experiments, grease traps which provided excellent separation of grease suspended in water by stearate soap, did not do a good job when any of five synthetic detergents was just in place of the soap. In every case, use of the synthetic detergent resulted in a carry-over of emulsified grease, and decreased or eliminated the retained layer of grease in the trap.

Moreover, the surfaces of open sand filters through which all effluent was passed collected a floc containing a high proportion of greases. This layer had to be removed during the camp season to prevent ponding of the sewage. In the case of tile fields or covered-sand fields, Pound reports, these same greases would have caused a progressive sealing of the absorbing media, with resultant eventual failure of the system.

Experiments thus far are reported not to have evolved any mechanical method for interception and retention of greases suspended by synthetic detergents. Camp directors, therefore, would be wise to consider carefully the character and capacity of their sewage system in planning the type of detergent to use in their operation.

It is planned that a further program of tests will be undertaken to determine the effects of various chemicals when used to precipitate the suspended grease.

Since the problem is one which ultimately may effect all camps, it will be appreciated if anyone developing means for solving or alleviating the problem will send details to the editor for passing on to others through the column of CAMPING MAGAZINE



## A RIFLE RANGE WILL DO WONDERS FOR YOUR CAMP

A properly conducted rifle range is a real camp asset. National Rifle Association affiliation provides everything needed for a successful shooting program — a complete package with range construction plans, instructor placement service, instruction manuals and campers handbooks, a whole series of qualification awards, and nationwide competitions for team and individuals.

Here's an activity traditionally associated with outdoor life, a sport campers thrill to, and a program which delights camp administrators by minimizing staff planning.

For additional information write to

### CAMP SECTION

### NATIONAL RIFLE ASSOCIATION

1601 RHODE ISLAND AVENUE N.W., WASHINGTON 6, D.C.

*Improve your camp waterfront this year  
with STANDARD Steel PIER*

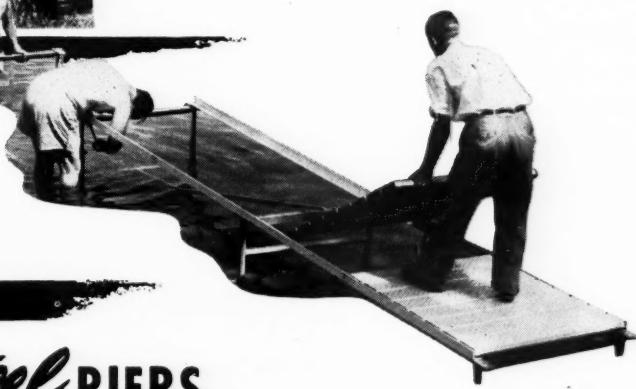


- ALL STEEL
- SECTIONAL
- ADJUSTABLE
- DURABLE

TAKES LESS TIME . . . LESS EFFORT  
TO PUT IN . . . TAKE OUT!

Pick the dock arrangement you'd like best at your camp . . . STANDARD pier combinations can provide it. There'll be more, safer water fun for beginner and expert at your camp with STANDARD piers and accessories . . . diving boards, ladders, benches, boat mooring arms and guard towers!

Styles and estimates furnished without obligation!



### STANDARD Steel PIERS

manufactured by **STANDARD STEEL PRODUCTS MFG. COMPANY**  
2836 SOUTH 16TH STREET MILWAUKEE 7, WISCONSIN

## COLUMN SHOWERS FOR GROUP USE AT LOWEST COST

- Serve 5 persons simultaneously
- Require only one set of plumbing connections instead of 5 . . . Save scarce metals.
- Shipped ready for low cost installation.
- Easy to keep clean and sanitary—no dark corners to collect dirt.

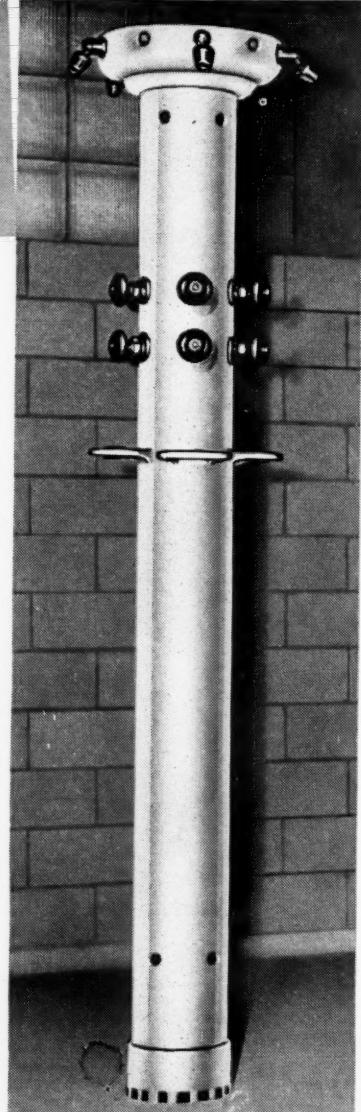
Modern washroom and shower facilities are vital points of interest when parents are selecting camps for their children.

Bradley Column Showers provide the utmost in sanitary group shower facilities that both parents and children approve. Yet these modern Bradley Column Showers are economical in first cost, save you 80% in plumbing connections, and 70% in water consumption as compared with five conventional single-stall showers. There are no corners to collect dirt and maintenance is drastically reduced.

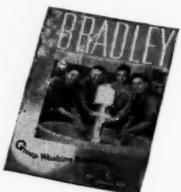
**BRADLEY WASHFOUNTAIN CO.**  
2381 W. Michigan Street, Milwaukee 1, Wisconsin



Distributed through Plumbing Wholesalers



At left:—Bradley 54-inch circular Washfountain serves up to 10 simultaneously. With foot-control, hands touch only spray of running water. 3 plumbing connections replace 30 used on ordinary basins.



Your copy of Catalog 4701-CS with complete information on Showers, Bradley Washfountains, and Drinking Fountains mailed promptly on request.



## CRAFT SUPPLIES FOR ALL CRAFTS

Leather • Metal • Plastics  
Woodworking • Ceramics • Basketry

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Retail Stores: 12 E. 41st St., N.Y.C.

EAST ORANGE, NEW JERSEY

54 S. Harrison, E. Orange, N.J.

# NEW IDEAS

Information • Products

Use the handy coupon to obtain

Elimination of flies in dining halls and other locations where insects are likely to prove a problem is said to be automatically and completely achieved with the Fly-Master Automatic Insect Control, manufactured by Remington Products Corp. The units are decorative in appearance, can be installed anywhere electricity is available, and use only a small amount of current. Full details will be sent all interested camping people. (3-1)

A new shower-stall base said to offer several unique features has been announced by Kaytel, Inc. Made of American Cyanamid Co. plastic, it is described as stronger than steel, yet lighter than aluminum. A one-piece job, it is said to be leak-free for life. And the basket-weave design molded into its surface is described as insurance against skidding accidents. Full information is available to camp directors interested in improving their shower facilities. (3-2)

Craft Supply items totaling 5,000—said to include almost every craft need for any age group in camp—are offered by the Shelart Studios. Highlighted is the company's same-day shipping for restocking in case of emergency during the camp season. (3-3)

Banana recipe book contains ideas for using bananas in salads, cakes, cookies, pies, breads; as main dishes, either hot or cold; in gelatin desserts; and with milk and ice cream. The illustrations in this very colorful booklet by United Fruit Co. show how to arrange these dishes attractively. (3-4)

Fill out completely one space for each item wanted. Then paste all coupons on a single postcard and mail to CAMPING Magazine, 705 Park Ave., Plainfield, N.J.

Camping Magazine, March, 1952

# for your camp

• Literature • Service

additional FREE information

**Insect control** without solvents or carrying agents is described in leaflets offered by American Aerovap, Inc. The Aerovap machine is electrically operated and is noiseless, automatic, and odorless. Aerovap can be easily, safely, and economically installed. (3-5)

**Dust control** on tennis courts, bridle paths, playgrounds, roads, and camp grounds, is described in a booklet which also gives directions on use. Solvay calcium chloride is said to be an economical, easy, and safe way to guard the health of campers and get rid of annoying dust. (3-6)

**Grease Trap** and Sink Drain Cleaner, and a Septic Tank Activator, are cleaners that use a natural enzymatic action to liquefy clogging substances. Both products, manufactured by Chemical Research Products, Inc., are non-poisonous, and non-injurious to plumbing. Descriptive literature tells how to reduce maintenance problems. (3-7)

Print in box the number  
describing one item wanted.

Coupon void if not filled out completely

Name of my camp .....

Its Location .....

My Name .....

Street and No. .....

City ..... State .....

My Pos. in Camp .....

CAMPING MAGAZINE  
705 Park Avenue Plainfield, N.J.

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CAMPING MAGAZINE  
705 Park Avenue Plainfield, N.J.

## WHITE RIVER PAPER COMPANY

Serving Vermont and New Hampshire Camps

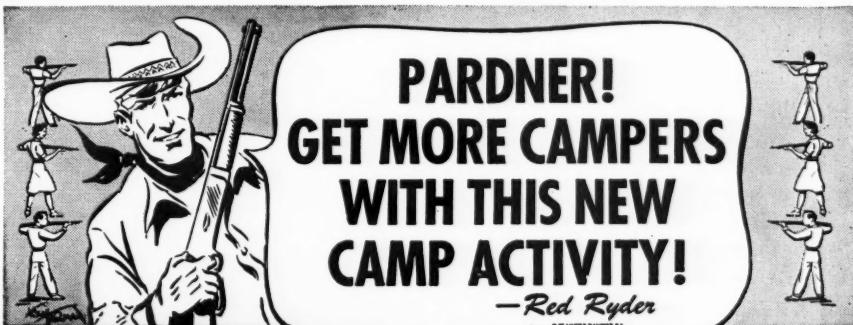
### PAPER SUPPLIES

Art Paper	Flashlights & Batteries	Sanitary Napkins
Bags	Light Globes	Straws & Stationery
Brooms	Mops	Toilet Tissue
Candles	Mimeo Supplies	Towels
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### Office and School Supplies

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WHITE RIVER JUNCTION, VT.



### PROGRAM FEATURES

1. NO RIFLE RANGE NEEDED! Any space 15 to 20 feet—indoors or outdoors!
2. NO AIR RIFLES TO BUY! Most campers have a Daisy or can borrow one to bring along!
3. 128 SHOTS FOR 5¢! Campers can bring Daisy Bull's Eye Shot—only 5¢ per pack of approximately 128 BBs!
4. OFFICIAL NRA QUALIFICATION COURSES FOR AIR RIFLES! Daisy shooters can earn official NRA medals, brassards, etc.
5. BIG SALES APPEAL! Hitch your camp's sales appeal now to America's 65-year-old FAVORITE CHILDHOOD SPORT!



**BECAUSE:** A Daisy is not a pneumatic or compressed air gun. It cannot be "pumped up" to increase power.

A Daisy is a low "factory-limited" power short-range spring-type air rifle—safely used by millions every year! It is the best and safest gun of its kind for fun and for learning safe gun handling.

**THE NATIONAL RIFLE ASSOCIATION** is a non-profit, non-sectarian organization of over half a million shooters. It is the oldest national sportsmen's association in the U.S.A. For 81 years NRA has conducted America's civilian program of instruction in the safe, proper handling of fire-arms. It has trained 2½ million teen agers in marksmanship. Now, since its Junior Program has been extended, air rifle owners can participate.



DAISY MANUFACTURING COMPANY  
Dept. 3032 PLYMOUTH, MICHIGAN, U.S.A.

### Costs Almost Nothing to Start and Operate!

This inexpensive, new camp activity idea was made possible by the recent extension of the National Rifle Association Junior Program to include spring-type (like a Daisy) air rifles. Now your camp can offer a complete, exciting, adult-supervised Air Rifle Shooting Program for children nine to fifteen years old . . . and how they like to shoot BB guns! They'll bring and use their own Daisys shooting inexpensive ammunition (about 12 shots for 5¢). They'll shoot through the NRA Junior Qualification Courses for Air Rifles (spring-type) at the new NRA 15 foot "short" range using the special new NRA target for junior air riflemen.

No expensive range building or upkeep! Corrugated card-board boxes stuffed with crumpled paper provide adequate backstops!

Be first to reap the increased enrollment benefits this new, NRA-accepted program offers your camp! Parents will be delighted to have their children trained in safe, proper gun handling and marksmanship with short range low "factory-limited" power Daisy. Young prospective campers will love the idea! Send coupon for FREE details plus ideas for using this new camp activity in your current selling program.

### Write or Mail Coupon

DAISY MANUFACTURING COMPANY	
Dept. 3032 PLYMOUTH, MICHIGAN, U.S.A.	
Please send me FREE INFORMATION on the NRA-Accepted Air Rifle Program For Camps.	
NAME .....	.....
ST. & NO. ....	.....
CITY .....	STATE .....
Camp Name and Address .....	
.....	
Number of Campers .....	
Season .....	

**WANTED:****Position as lifeguard.****SALARY:****A few pennies a day!**

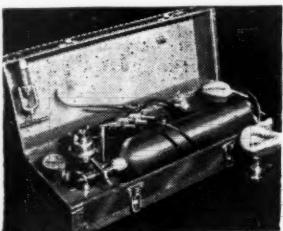
**EXPERIENCE:** Last year, saved two lives that we know about in two different camps.

**NAME:** Stephenson Camp Model Resuscitator.

**QUALIFICATIONS:** Accepted by the American Medical Association. Portable. Light. Can be used as a resuscitator, inhalator, or aspirator, by any experienced layman.

Will give you the best possible protection against death from drowning, asthma, heat stroke, choking spells, heart attacks, or any other causes.

Cost: A few pennies a day!



*Write Today:*

**STEPHENSON  
CORPORATION**

RED BANK, N. J.



**DETROIT'S LEADING  
COMMERCIAL HOTEL**



Stay at the newest, most centrally located hotel in the Motor City, completely fireproof, 750 outside rooms with bath, smart new furnishings, lowest comparable rates, ample parking space—a find for the cost-conscious traveler! Dining Rooms Air Conditioned.

The NEW Hotel  
**Detroiter**  
Woodward at Adelaide  
Convention and Touring Groups Invited

## Camping in the Tree Tops

By FLORENCE BIRKHEAD

HERE'S SOMETHING to add novelty and interest to your camp housing facilities — something that both boys and girls will really "go" for with delight. The photograph above shows one of two tree houses used for the first time last season at Camp Sierra for girls, which is operated by the Oakland (Calif.) Recreation Department.

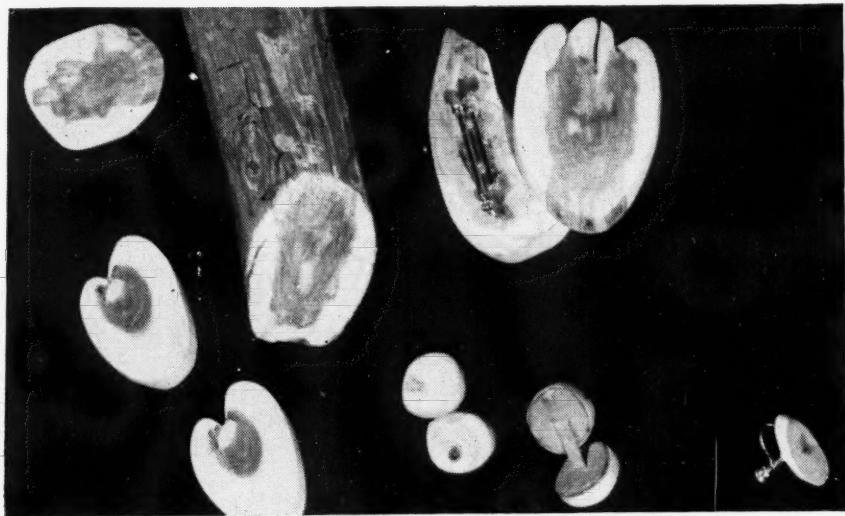
Such was the success of the innovation that plans are now under way for adding three more of the unusual camp "buildings." It is planned also to build some of the tree houses at our boys camp—Kamp Kidd.

Our tree houses are set 10 feet off the ground, and each has a floor size of 10 x 16 feet. Last summer the tree houses were set near our tent area. However, present plans call for mov-

ing them into an area of their own, where they will house a unit of from 18 to 25 campers.

Our girls loved the tree houses, and the counselors were equally enthusiastic about them. The group banded together as the "tree house girls."

Other types of shelters which we have in use now, or plan to have soon, include log cabins, covered wagons and tepees. Oakland recreation folks feel that by offering young campers housing in a tent one year, a log cabin another, a tree house for a third year, and a covered wagon and perhaps a tepee in other years, boys and girls will return again and again to camp, knowing that "something new has been added" to make each successive season a different kind of adventure from the last one.



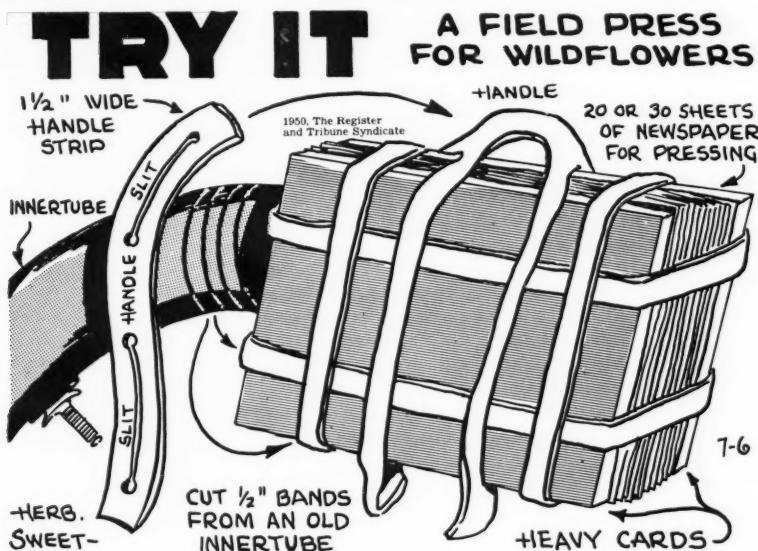
## Campers Love Cedar Jewelry!

By MARLLYS VICTOR

**A**N EXCITING craft activity using native materials, is fashioning cedar wood into simple jewelry. The craft is easy to supervise and popular with campers regardless of age. Camp-

ers are especially interested in making pins and earrings. These form exciting gifts to take home as a surprise for mother, aunt or sister.

The branch to be cut is selected according to the size of the project to be made. A coping saw is used to cut



A Florida State Naturalist passed this handy idea on to a friend of mine, who in turn sent it to me to share with other young naturalists. A simple field press like this can be taken out along the trail for pressing individual plants right on the spot as you go, while they are still fresh and unharmed.

Campers can make their presses as shown, using two heavy cardboards any size they wish. Twelve by fourteen inches is usually a convenient size for general use. Cut newspapers, about thirty to fifty sheets or as many as will be needed, for placing between speci-

mens. This paper absorbs the moisture.

Now cut one-half inch bands from an innertube to hold the press together tightly. To make a handle cut a strip of innertube about one and one-half inches wide and long enough to make two slits for encircling the press smoothly, allowing five inches between the slits for the handle. If the slits have to stretch too much, they may rip out.

Press your plants!

*One of a series prepared by Herb Sweet, ACA president and operator of Acorn Farm Camps.*

## Campers Proudly Wear Guaranteed Washable **SPORTSWEAR**

Imprinted by the

**COL-FAST**

PROCESS

T-SHIRTS

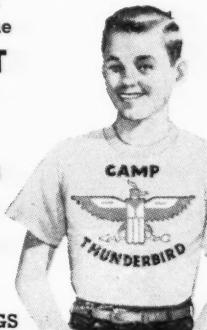
SWEAT SHIRTS

SPORT CAPS

GOBBY HATS

SCARFS

LAUNDRY BAGS



Sportswear featuring camp insignia and lettering in official colors that are guaranteed washable; won't crack or peel. Due to enlarged production facilities high quality has been maintained with prices lower than last year.

## VICTORIA SILK PRESS

805 Lucas

St. Louis 1, Mo.

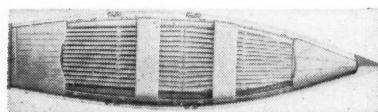
WRITE FOR COMPLETE PRICE LIST  
AND LITERATURE

## NEW "RANGER" FIRE BROOMS



. . . now chemically flame proofed. In the open campsite they are especially essential for water is not immediately available there. One of these Fire Fighting Brooms in a handy place in your camp may prevent a serious forest fire. 60" overall. Good for many years. Guaranteed.

**PERFEX**  
51 DINSMORE PLACE  
BROOKLYN 8, NEW YORK



## METAL ROW BOATS

ONLY LIMITED QUANTITY AVAILABLE

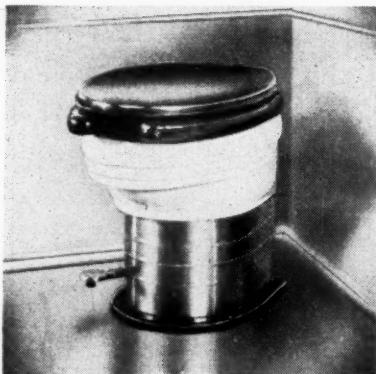
1. Cheaper than Wood.
2. Will last longer.
3. Easier to Maintain.
4. Non-Sinkable.
5. Withstands hard usage.

12 and 14 foot. Write for prices.

**SANCO EQUIPMENT CO.**  
Trinity Sanitary Supply and Specialty Co.  
26 East 13th St., New York 3, N.Y.

# NOW SAFEWAY TOILETS GIVE MODERN SANITATION TO ANY CAMP

Gleaming white vitreous flush toilets—simple to clean—eliminate odors, rats, disease germs and poison chemicals.



One Quart Flush Toilet

## BRING HOME SANITATION TO THE CAMP

**SAFeway** requires limited drainage fields—saves water—often enough in limited time to pay for installation—flush or pressure—or gravity—and is free from mechanical difficulties.

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the pin or earring to the desired thickness. Interesting effects in the grain are achieved if the branch is cut on a distinct slant, or if the saw cut intersects the point where a branch forks. The more irregularly shaped cedar branches offer excellent material for cutting jewelry of unusual shapes.

Once the cedar has been cut, the bark is easily peeled and it is time to get out the sandpaper. It might be supposed that all interest would cease at this operation, but the prospect of achieving a beautifully polished product can be stimulated by a display of finished pieces on the craft-shop bulletin board.

You will find campers carrying pieces of sandpaper and cedar in a convenient pocket at all times. Out they will come at campfires, unit meetings, or at any time when there is a spare moment in which to sand the piece of cedar to a fine, smooth surface. Campers will become quite critical of their work and show surprising patience in sanding and waxing their pieces to a fine luster. There is a sort of special pride when the last step of glueing on the pin or earring back is accomplished, and the jewelry is ready to be put carefully away to carry home later.

For campers who become interested in doing pieces other than pins and earrings, especially attractive buttons can be designed and cuff links made to match. And you will find some developing ideas of their own for unusual pieces of jewelry.

Making cedar jewelry can be an engrossing and meaningful camp craft activity. Plan now to try it in your camp next summer!

### A Counselors' Icebox

Ever have troubles with hungry counselors wanting to raid the camp kitchen's refrigerator to satisfy those late-at-night pangs? What camp hasn't?

Solutions to this problem range all the way from completely prohibiting snacks for counselors to letting staff have free run of the refrigerator.

Camp Bob-O-Link, at Ashland, Mass., has what seems a good solution. A small, home-size refrigerator is set aside for staff use only. Each evening the cooks place in this such leftovers as will tempt the counselors' palates and will not upset plans for the next day's meals. Result: counselors and cooks are both satisfied, and nobody raids anybody else's icebox.

# Stepping Stones to Overnight Camping

BY MARTIN P. SILVERMAN

FOR YEARS parents had come to our agency asking us whether or not we thought their child was ready for overnight camping. They wondered how their child would react to the break from home, and would ask, "Do you think Johnny will get homesick? Do you think that he will miss his dad at supper? At home he won't eat unless his dad is there." From observing these children at our country day camp, the predictions which we were able to make could be only relative, since we merely saw these children in a social situation during the day.

This problem led to an experiment which aided in developing a means by which we are better able to be of service to parents trying to determine whether or not their children are ready for two, four, or eight weeks of overnight camping. Briefly, our plan was to extend the day camp to overnight stays of four consecutive nights to coincide with the five day-a-week day camp.

This overnight experience was limited to two groups of five campers with a counselor for each group, and the program was planned in consultation with experienced overnight camping men. During the day the "overnighters," as they came to be called, participated in the regular day camp program, but at five o'clock a fascinating and exciting overnight adventure began. The thrill of sleeping in a real tent, the romance of the small group around the campfire, the delight following the taste of roasted corn and marshmallows, and the anticipation caused by the incessant popping of corn all contributed to bringing about a natural and pleasant adjustment to overnight camping.

Experienced counselors aided these children in their adjustment to this new experience, while at the same time they carefully observed each child's reaction to being away from home for the first time, to living and sharing with other children, to being self-reliant with his own personal care, etc.

The encouraging results of this experiment caused the agency to institute an Overnite Club as a regular function associated with day camp. Those who evaluated the Overnite Club felt that it did more than guide the parent in making a decision regarding overnight camp. It enabled parents to tell counselors the types of behavior which needed special attention during the adjustment period. It aided the children in making a comparatively easy transition from day camp to the unfamiliar night situation, while at the same time it dispelled fears of being away from home.

The four nights away from home proved to be a goal which was attainable to those who feared an outright two or more week stay at an overnight camp. Many of the children were able to build confidence in themselves with respect to this matter. Thus the Overnite Club proved to be an asset not only to the camp and to the parents, but to the campers and their future overnight counselors as well.

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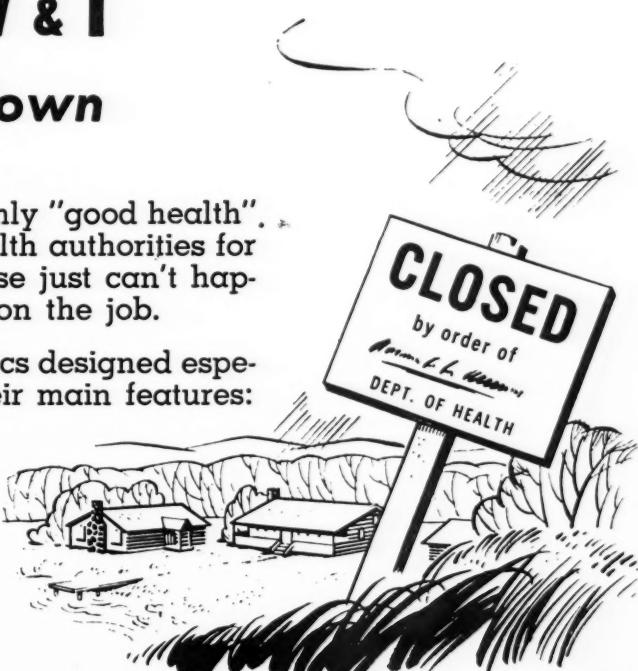
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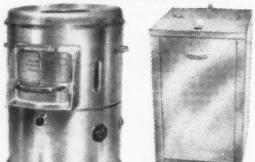
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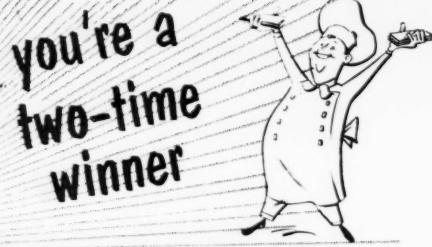
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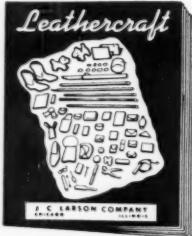
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# **At My Camp,**

### **Overcoming water fear**

When several of my campers seemed disinterested in or afraid of the water, and all attempts to get them in were futile, we finally hit on an idea which did the trick. With the aid of several counselors, our waterfront director built a tiny boat. It was about four feet long and two and a half feet wide; a rough job, unpainted, tippy, and leaky as a sieve.

Our campaign was started by having a swimmer get into the little boat, and pushing him around in shallow water until the boat tipped over or sank. Everyone took turns, even counselors. Soon the non-swimmers were clamoring for rides, even falling in and liking it. Several of the non-swimmers resolved to learn to swim and made remarkable progress.

—Barbara Nyren.

### **Evening serenade**

Two summers ago, just after Sunday night taps, a group of four or five staff members came back through the woods after vespers on the rocks. They were singing hymns, folk tunes, and spirituals. Campers who heard the singing asked if there could be a "serenade" each Sunday night after they were under the covers. We agreed, and the custom has carried on ever since.

This singing not only keeps the quiet feeling of vespers with the girls as they go to sleep Sunday night, but it is also a joy to the staff members, who like to get together and sing. The idea proved so successful that it not only spread to practically the entire staff, but last summer a group of our older senior girls got together, practiced, and serenaded the younger girls one Sunday evening.

—Dorothy Beals.

### **Buddy board deluxe**

At Sandstone Camp, Wisconsin, a new waterfront check system was installed last summer at the entrance to the waterfront. Designed by the counselors and made with the assistance of older campers during their handicraft

We . . .

periods, the check system is essentially a buddy board, but with several unique features.

First of all, an aerial map of the camp is painted on the board. Cabins, the lodge, etc., are all shown. Screwed into each cabin is a small hook for each occupant of the cabin. Each hook contains a tag with one camper's name on it. Counselors are indicated by tags of a distinctive color.

On arrival at the waterfront, each camper and counselor removes his tag from the cabin hook, and places it on another hook indicating the portion of the waterfront area to which he is assigned. Hooks are provided to indicate junior water, senior water, each boat and canoe, each sailboat, etc.

Thus, with a quick glance at the buddy board any counselor can see the exact number of campers in the water, the number in boats, number of riders in each boat, and the names of campers engaged in any water activity. Upon leaving the waterfront area, each person returns his tag to his cabin hook. A glance enables counselors to tell if the area has been completely cleared of all campers.

Camp Sandstone is quite proud of its new safety device. It has been highly commended by all who have seen it, for it is not only picturesque but also a definite safety aid.—*Cherry Heath*.

#### Rustic table

A rustic table and bench set, well-suited to a camp setting, can easily be made. For a table with a top 2 x 6 feet, first get two large logs about eight feet long. Place these on a level place where you want the table to be, parallel and about four feet apart. Two additional logs, about six feet long, are placed at right angles to and on top of the base logs.

Next, a third pair of logs is placed atop the others, at right angles to the second pair and two feet apart. Finally, a 2 x 6 foot table top is set on the top logs. The two base logs are used as benches, in addition to helping to support the table top at the proper height.

—*Christine Mieka*.

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# Books You'll Want To Know About

*A Department Conducted by Prof. Charles Weckwerth, Director of Recreation and Camping, Springfield (Mass.) College*

## School Camping

**AUTHOR:** George Donaldson.  
**PUBLISHER:** Association Press, 291 Broadway, New York City 7, \$2.25.

**REVIEWER:** Charles F. Weckwerth, Director of Recreation and Camping, Springfield (Mass.) College.

At long last we have a succinct statement on school camping. Author Donaldson, after much rich experience over many years with Dr. L. B. Sharp of National and Life Camps, Inc. and with Dr. Hugh Masters, Educational Director of W. K. Kellogg Foundation, in camps in New Jersey, Michigan, and in Texas, informs and interests the reader with refreshing clarity. He begins his story by describing "today's world and the growing up process." Then he skillfully summarizes and ties in some nine important needs of growing and developing "children in today's world."

Upon these two basic chapters, he next spells out camping as an educative way of living, pointing up organized camping as "a 20th century phenomena." Using 12 points in his argument for educative camping, he lists significant experience areas for educational camps. These areas he elucidates analytically in the succeeding five chapters of the book; democratic social living, conservation, work, health, and recreation.

In this objective treatment, the author admits that school camping is in its infancy stage. He explains further from experience the emergence of 12 basic principles or guide posts which adequately serve the administrator's needs "until practice proves them good or bad." He brings this very readable book to a close with a case history of Camp Tyler (Tyler, Texas), a highly selected bibliography in school camping, and the details of two sample bulletins, each separately beamed for the parent and for the homeroom teacher of fifth and sixth graders.

This book, in the opinion of this reviewer, will do much to supply basic information for college leader-

ship training courses, to clarify current confusion where it exists with reference to school camping, and lastly, establishes important guide lines for progressive minded teachers, principals, and superintendents.

## The Camp Counselor

**AUTHORS:** Reuel A. Benson and Jacob Goldberg.

**PUBLISHER:** McGraw Hill Book Co., 330 W. 42nd Street, New York City 18, \$4.50.

**REVIEWER:** Mrs. Paul Hunsicker, Director of Camp Arbutus, Mayfield, Mich.

The authors have written an amazingly complete text for the purpose of preparing counselors, and others who come in contact with children in camps, to comprehend their jobs. With practical outlines, and in simple understandable language, the book covers the physical, mental, emotional, and social needs of campers.

You may have a shelf full of books on camp administration, group-work techniques, program planning, and so on. But it is unlikely you will have under one cover a book that clarifies the needs of the camper and the responsibilities of the counselor. This book does just that!

The development of organized camping in the U. S. is covered concisely—just enough to use in a camp training period. There are three chapters on Health Maintenance, and one on Legal Provisions concerning the camp and its personnel.

As a camp director, you cannot afford to miss the discussions of "Interpersonal Relations" among counselors; the emotional and personality problems of campers; and the opportunities for socialization in camps.

I could heartily urge that "The Camp Counselor" be used in college camping courses and in camps for training. An outstanding feature of the book is the inclusion at the end of each chapter of training aids—Things to Do, Questions and Answers, and Suggested Reading Lists.

## Wildlife in Color

**AUTHOR:** Roger Tory Peterson.  
**PUBLISHER:** Houghton Mifflin Company, 2 Park St., Boston, Mass., \$3.00.

**REVIEWER:** Arthur J. Lusty, Jr., Executive Director, American Youth Hostels, Metropolitan Detroit Council.

"Wildlife in Color" is very unusual and magnificent in its scope and its color illustrations. The division of material according to ecologically significant wildlife and living things offers a new scope for the naturalist and the beginner. The author's factual description, brief but inclusive, will make this edition a very vital item in everyone's library.

The ease of transition from near home to the deep woods, to the sea shore, and to the desert or Arctic areas, widens the horizon for those who have been fenced in to any one locale. Needless to say, the true-to-life color illustrations will make the species more easily recognized in the field, especially for elementary-school-age children. Each camp should certainly add "Wildlife in Color" to its bookshelf for promotion of nature study and love of living things.

This book should be an open invitation to the out-of-doors. It combines the best of color illustrations with a minimum of reading material to lure the reader through its final chapter.

Congratulations to Roger Tory Peterson for another gem.

## I.O.C.A. Song Fest

**AUTHORS:** Dick and Beth Best.  
**PUBLISHER:** Oliver Durrell Inc., New York City, \$1.50.

**REVIEWER:** William H. Koch, Jr., Aide to Director of Recreation and Camping, Springfield (Mass.) College.

The "Song Fest" is probably one of the most usable collections of camp songs that has ever been available to camping folks in general. The "Song Fest" was originally compiled in the late 1930's by various members of the

college outing clubs in the northeast United States. It was published in limited editions for members, but now is available for the general public for the amazing low price of \$1.50.

The volume is a collection of some 300 singable songs, with varied versions, parodies, old and new words, songs which have been tried and tested before campfires, blazing hearths, and wherever young people gather in fellowship. The songs are the songs that are sung in camps all over America and this volume is probably the only place where so many of the traditional songs can be found under one cover. Melody and chording are included.

#### **The Audubon Book Of Bird Carving**

AUTHOR: J. C. Lacey.

PUBLISHER: McGraw-Hill Book Co.,  
330 W. 42nd St., New York City,  
\$3.50.

REVIEWER: Charles F. Weckwerth.

This book suggests detailed plans and descriptions for carving and painting life sized "wooden birds." But for life and movement these finished models look very much like real birds. Yes, and one must be very observant as well as accurate, to really get to know each bird with reference to its size, color, shape and form.

The author keeps his description simple and recommends simple tools. He clearly describes how to carve and to paint wood with oils, before he leads one into the many projects of different birds. The book is profusely illustrated. A selected bibliography is helpful, as is the well-organized Index.

This book should be a boon to both bird lovers and carving hobbyists. It should be known and used by both nature and arts and crafts counselors. It is another good example of the outstanding work of the National Audubon Society.

#### **Summer's Children**

AUTHOR: Barbara Morgan.

PUBLISHER: Morgan & Morgan, High Point Road, Scarsdale, New York, \$5.00.

REVIEWER: Barbara Ellen Joy, The Joy Camps, Hazelhurst, Wisc.

This photographic cycle of children learning an "improved quality of life" with the guidance of "adults who are flexible, friendly, competent and interested" has no counterpart in camping literature. The philosophy and practice of camping at its very best are set forth in the nine pages of in-

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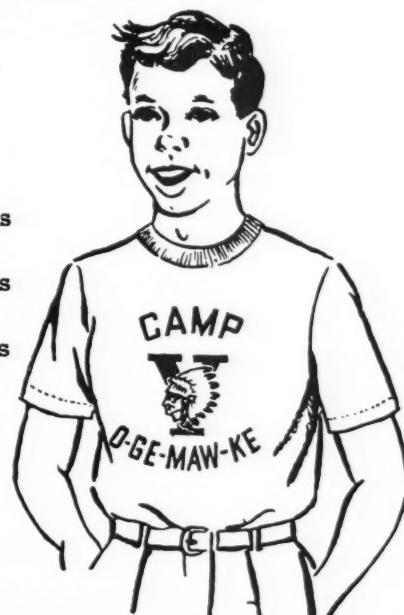
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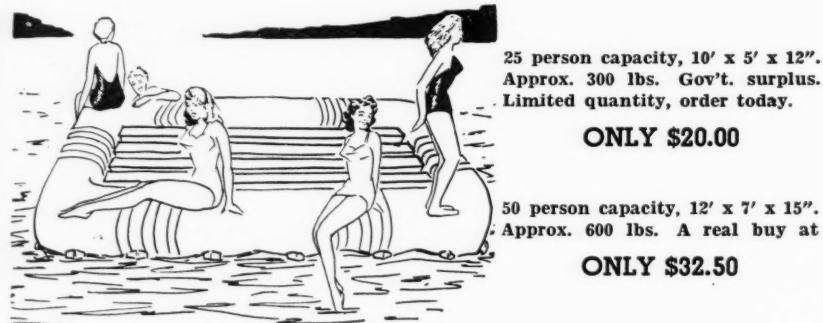
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Introductory written material, in the running text, and in the superb photography of every phase of camp life and activity. Here we find—as it has never been found before in any book or article known to this reviewer—that spark of real spontaneity and joyous freedom which camps should emanate as freely as the sun gives summer warmth to our northlands.

In the hundreds of excellent pictures we see flesh-and-blood children enjoying their life at camp, naturally and without self-consciousness. The whole tone of the book gives one a *feeling* for camping which other books lack. It is written simply and directly, with great understanding of children and with appreciation of the best in camp practices.

The book is erudite and it is profound. And yet it is spontaneous, gay and entertaining. It brings a deep challenge for us to thrust our minds and hearts out through the layers of verbiage under which the essence of camping has been smothered by many writers in the past 20 or so years, and see clearly again that simplicity and lovingkindness are the foundation stones of good camping.

The book is recommended particularly for use in college training courses. A very practical result from study of this book should be an improvement in camp photography, especially in pictures taken for publicity purposes. The seven-page essay "Camp Life" by Helen Haskell of Camp Tre-tops is a gem. *Life* magazine, August 13, 1951, published three pages of pictures from this book in its "Speaking of Pictures" section.

### Group Process in Physical Education

AUTHORS: The Staff of the Physical Education Department at U.C.L.A.

PUBLISHER: Harper & Bros., 49 W. 33rd Street, New York City 16, \$4.50.

REVIEWER: Miss Marjorie Camp Director of Program, The Joy Camps, Hazelhurst, Wisc.

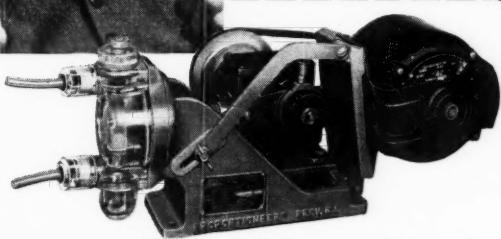
"Group Process in Physical Education" in a recently completed book by the staff of the Physical Education Dept. at U.C.L.A. This effort to make practice square with avowed principles is admirable.

They say "Group Process is here advocated and described as a method for achieving the long-recognized potential values in physical education experiences for social education aligned

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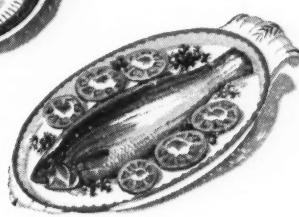
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Camping Magazine, March, 1952



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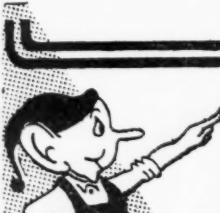
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with democratic values . . ." Nevertheless, it should be understood clearly that this book is limited to considering Group Process as a *method* of work. There are many other methods appropriate to Physical Education, such as those pertaining to the analyses of motor skills or the presentation of physical activities, which are not directly considered in the volume.

The whole presentation is in regard to the college-age group. However, Chapter 7 "Newer Techniques of Promise" would be of interest to Camp Directors. It includes sections on the developments in Psychology, Psychotherapy, Social Group Work, Recreation, Group Dynamics, and Socio-metry.

A selected bibliography given at the end of each chapter adds to the value of the material.

### Creative Hands

AUTHORS: Doris Cox and Barbara Warren.

PUBLISHER: John Wiley and Sons, Inc., 440 4th Ave., New York City, \$6.50.

REVIEWER: Eleanor Tinsley Bacon, Crafts Instructor, University of New Hampshire.

One of the most outstanding all-around craft reference books for the beginner has been made even better in this second edition by the inclusion of new material on design and a chapter on leatherwork.

Along with the addition of new illustrations and ideas, this thorough revision of material approaches the problem of design for the various crafts in a more straightforward and practical manner for the beginner. The authors continue to stress the use of materials at hand in contemporary and original ways.

The approach to leatherwork in terms of design is very refreshing. The quality of technical information, designs, and project suggestions seems superior to that of many craft books to date.

Described in detail are decorative needlework, stenciling, block printing, batik, card weaving, braiding, painting on wood, and metal, bookbinding, leatherwork, and metalwork; in addition a number of others are discussed more briefly. Within the crafts selected one finds perhaps more projects of specific interest to girls rather than for boys. Hopefully such a craft book will serve more as a source of inspiration for a variety of projects rather

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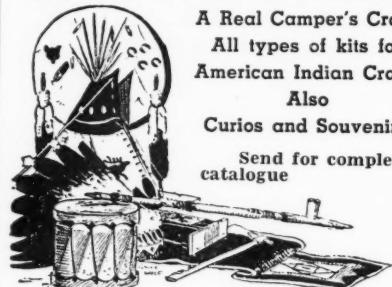
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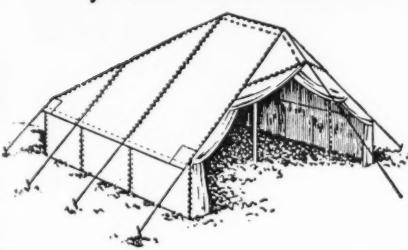
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than being used as a copy book; hence, it is useful in any camp situation.

The over-all high standards of design, excellence of illustrations, and clarity and scope of material, makes "Creative Hands" a must for all camp handcraft shops.

### How to Know the American Mammals

AUTHOR: Ivan T. Sanderson.

PUBLISHER: Little, Brown & Co., 34  
Beacon St., Boston, Mass., \$2.50.

REVIEWER: Gunnar Peterson, Instructor in Camping, George Williams College, Chicago.

"How to Know the American Mammals" by Ivan T. Sanderson is another in that cluster of books aimed at the amateur naturalist. With its 183 line drawings, it 10 pages of tracks and well written descriptions, the identification of the various mammals in the field becomes easier for the camper.

Ivan Sanderson, noted naturalist and "TV star" (with "The World is Yours" — CBS TV), has written many other nature stories and articles, has headed seven scientific expeditions, has visited and explored in over 60 countries. His first trip alone around the world was when he was 17, on a collection tour for the British Museum.

A helpful book for the camp nature library, "How to Know the American Mammals" will get real usage from the enthusiast and will be a simple resource for the young camper.

### Audubon Water Bird Guide

AUTHOR: Richard H. Pough.

PUBLISHER: Doubleday and Co., Inc.,  
575 Madison Ave., New York  
City, \$3.50.

REVIEWER: H. Jaques, Randolph Junior  
Counselors, Randolph, Mass.

This book is a complete field guide with color plates by Don Eckelberry and black and white sketches done by Earl L. Poole. These plates and sketches greatly enhance the understanding of the text, to the beginner, as well as the more advanced.

The text covers all necessary points such as nesting, identification, range and mating habits.

The index is designed with cross references to the 275 birds mentioned. In addition to this, there are three maps, dealing with, "Bird abundance in the North Atlantic," "Vegetative covering in North America," and the area covered by the book.

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### It's Wise to Supervise

AUTHORS: Alan Klein and Irwin Haladner.

PUBLISHER: Canadian Camping Magazine Co., 170 Bloor Street West, Toronto, Canada, 50c.

REVIEWER: Marion L. Barrett, Camp Adviser, Girl Scouts of the U. S. A.

This booklet is addressed to "Supervisors" which according to the authors means "any persons in camp who are responsible for the training and guiding of staff." It is packed full of common sense and practical helps for persons who are in a working relationship with others, trying to guide and help them grow on the job they are doing—working with people. It is written in a clear, understandable way with conversation entering into the style which makes the reader feel closer to the situation because he can put himself into the same picture.

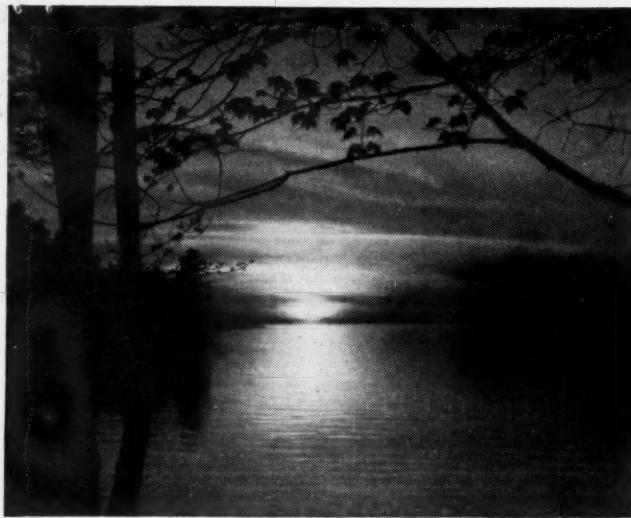
It lays the ground floor by first pointing out what the counselor is wondering about supervision. It then picks up with guides and helps for the supervisor from the very first contact with a counselor through to the final evaluation of the job done. Points are given for the supervisor to test himself to see if he is really doing a good job. There are suggested reference articles and pamphlets on the subject for further perusal.

"Supervising implies teaching the staff member the needs of campers and an understanding of their behavior as well as developing program aids. It involves the teaching of group life and camping in general." Good understanding between the supervisor and the one being supervised in the job of human relations is highlighted.

### ADVERTISERS INDEX

Alcott, Inc.	32
American Handicrafts Co., Inc.	42
Artvue Post Card Co.	54
Art Handicrafts	55
Association Films, Inc.	36
Association Press	60
Bicycle Institute of America, Inc.	8
Bradley Washfountain Co.	42
Brotherhood Mutual Life Insurance Co.	24
The Brownlee Company	35
Camp Chemical Co., Inc.	31
The Camp Shop, Inc.	33
Carbolineum Wood Preserving Co.	55
J. & J. Cash, Inc.	34
Central Machine Works Co.	38
Chin & Lee Co.	34
Cincinnati Lithographing Co., Inc.	57
Cleveland Crafts Co.	39
Daisy Mfg. Co.	43
Edward Don & Co.	52
Dwinnell Craft Supply Co.	54
Marshall Field & Co.	36
General Mills, Inc.	3
Grey Owl Indian Craft Mfg. Co.	55
Lester Griswold	55
Handweaver and Craftsman	39
Phillip J. Harvey Co.	57
Higham, Neilson, Whitridge & Reid	10
Hilker & Bletsch Co.	4
Hotel Detroiter	44
Hussey Mfg. Co., Inc.	54
Ken-Kaye Krafts Co.	54
Kil-Jet Distributing Co.	24
J. C. Larson Co.	48
LeisureCrafts	34
Lone Star Boat Mfg. Co.	11
Magnus Brush & Craft Materials	55
McGraw-Hill Book Co.	11
McKnight & McKnight Publishing Co.	38
National Biscuit Co.	7
National Bureau of Private Schools	54
National Rifle Assoc.	41
The Nestle Co., Inc.	53
Nissen Trampoline Co.	37
The O-P Craft Co., Inc.	57
Osborn Bros. Supply Co.	49
Parke-Hill Chemical Corp.	32
Paul Parker	56
Perflex, Inc.	45
Pillsbury Mills, Inc.	2
Playhats	46
Plume Trading & Sales Co., Inc.	54
Powers & Co.	55
% Proprietors, Inc. %	53
National Recreation Association	31
Recreation World	55
Remington Arms Co., Inc.	12
Richmond Oil, Soap & Chem. Co., Inc.	38
Rockaway Sales Co.	52
The Russell Co., Roshon Org., Ind.	35
Safeway Sanitation	46
Sanco Equipment Co.	45
Nat J. Sand Co.	51
Ad Seidel & Son, Inc.	51
John Sexton & Co.	9
Sherman & Reilly, Inc.	49
D. B. Smith & Co.	40
Smith-Junior Co.	38
Standard Steel Products Mfg. Co.	41
Stephenson Corp.	44
Stylecraft Mfg. Co.	55
Tanart Leathercraft Co.	57
Todd Shipyards Corp., Combustion Equipment Division	37
Universal Industries	48
C. J. Van Houten & Zoon, Inc.	8
Webster Van Winkle Corp.	6 & 34
Velva-Sheen Mfg. Co.	23
Vermont Accident Insurance Co.	59
Victoria Silk Press	45
Wallace & Tiernan Co., Inc.	47
White River Paper Co.	43
Whitmire Research Labs Inc.	54
The Wright Stables	54
X-acto Crescent Products Co Inc	33





## AFTER TAPS

*... the time when directors, leaders, and counselors recall the successes and failures of the day, plan to make tomorrow a better day, and think about the opportunities — seized and missed — of this wonderful thing called camping.*

## Evaluating ACA Publications

BY HUGH D. ALLEN

THE NATIONAL Publications Committee, through its Section Chairmen, is anxious to get a first-hand reader's reaction to CAMPING MAGAZINE and to other ACA publications. We also wish to have from you, the

readers, pertinent criticism and suggestions toward the improvement of these publications. Will you take five minutes right now and help guide our work by your cooperation? If you do not wish to clip your issue, please

let me have your comments on a separate sheet. Mail to Hugh D. Allen, College Camp, Williams Bay, Wisc.

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.....Program skills	.....Understanding the individual camper	.....Food Services
.....Program planning	.....Public relations ideas	.....The group process
.....Purchasing ideas	.....General administrative matters	.....Conservation

  
Other suggestions .....
10. Which areas listed above should be covered more thoroughly by new books or booklets?
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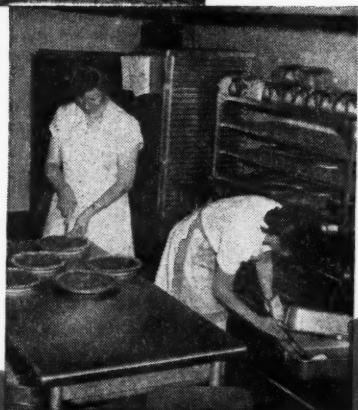


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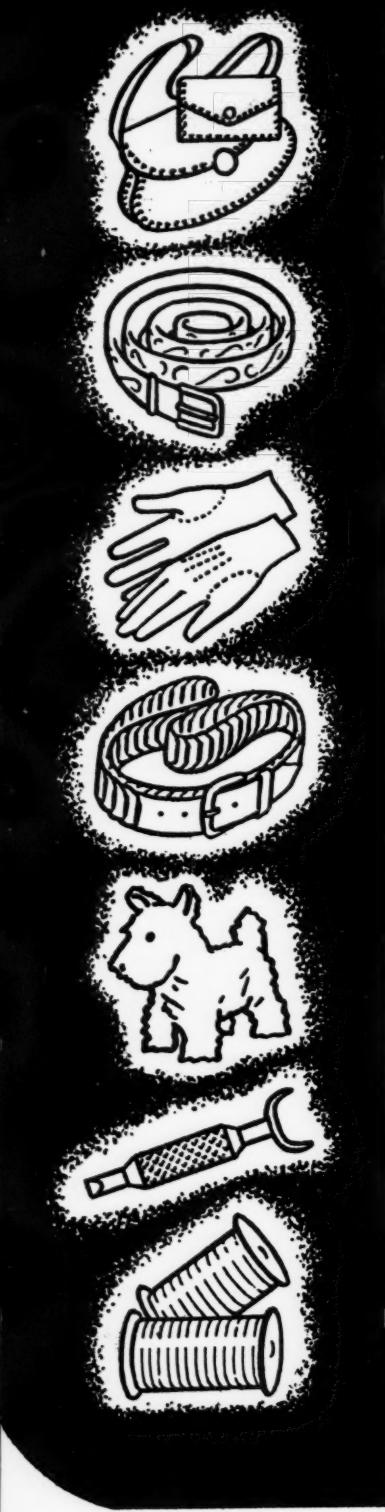
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*Always the trained buyer's favorite!*



**JOHN SEXTON & CO.**

*Established 1883 . . . Chicago*

# Index to CONTENTS

## A

Advertisers, Alphabetical listing of 154  
Aerial Tennis Dart, Court

Dimensions .....	96
Alphabetical Listing of Suppliers and Advertisers .....	154
ACA, How It Operates .....	162
ACA, National Officers .....	162
ACA, What It Is .....	162
Ants, Control of .....	67
Archery in Your Camp Program... 106	
Archery Range, Dimensions for.... 107	

## B

Badminton Court Dimensions .....	96
Baseball Diamond, Dimensions for.. 93	
Basic Facts on ACA .....	162
Basic Craft Principles .....	71
Basic Craft-Shop Tools .....	72
Basketball Court Dimensions .....	95
Bedbugs, Control of .....	67
Bibliography of Camping Books.... 122	
Blackflies, Control of .....	67
Boat Mooring Methods .....	81
Books, Newer .....	122
Books You'll Want to Know About.. 127	
Brooms, Fire Fighting .....	64
Buying Canned Foods for 100 Servings .....	43
Buying Fresh Foods for 100 Servings .....	40
Buying Meat for 100 Servings.... 44	

## C

Camp Directors' Buying Guide..... 137	
Camp Directors' Calendar .....	13
Camp Directors' Check List..... 13	
Camp Directors' Guide to Insurance 117	
Camp Facilities, Recommended .... 60	
Camp Kitchen Utensils .....	49
Camp Photographic Darkrooms.... 108	
Camperfraft, Graded Tests for..... 74	
Camping Bibliography .....	122
Camping Books .....	122
Camping Skills, Graded Tests of... 74	
Canned Foods, Portioning of .....	43
Canoe Storage Racks .....	84
Capacity of Rectangular Tanks.... 116	
Capacity of Round Tanks..... 116	

## To Serve You

is the sole purpose for which this issue has been designed. You will get most value out of it by following the simple steps outlined below.

1. When you want information or data on any phase of camp operation, consult the index on this and following pages.
2. When you need to buy for your camp, study the advertisements in this issue and consult the Buying Guide beginning on page 137.
3. To find the correct name and address of suppliers selling to camps, consult the alphabetical index beginning on page 154.
4. Keep your copy of the Reference and Buying Guide where it will be readily accessible to you and your key personnel all year long. Additional copies are available, as long as our supply lasts, for \$2.00 each.

## Will You Help Us

to serve you better in succeeding editions? We will appreciate it, if after having opportunity to look over this issue, you will write us your comments, suggestions for additional inclusions in the next issue, and any other information you feel will be helpful. Many thanks.

**Galloway  
Publishing Co.**

705 Park Avenue  
Plainfield, N. J.

Classified List of Products and Sources .....	137	Desirable Practices in Sanitation... 57
Cockroaches, Control of .....	67	Dimensions for Fields and Courts.. 93
Control of Insects and Pests.....	67	Dock Layouts for Your Waterfront 82
Court Dimensions, Aerial Tennis Dart .....	96	E
Court Dimensions, Badminton .....	96	Equipping Your Camp Kitchen.... 49
Court Dimensions, Baseball .....	93	Equipping Your Camp Waterfront.. 86
Court Dimensions, Basketball .....	95	Estimating Paint Quantities ..... 115
Court Dimensions, Croquet .....	98	Extinguishers, Fire, Facts About... 65
Court Dimensions, Deck Tennis ....	97	Extinguishers, Fire, Where to Place 66
Court Dimensions, Lawn Tennis....	97	F
Court Dimensions, Shuffleboard ...	99	Facilities, Camp, Recommended .... 60
Court Dimensions, Softball .....	94	Facts About Fire Extinguishers.... 65
Court Dimensions, Volleyball .....	94	Field and Court Dimensions ..... 93
Craft, Basic Tools Required for...	72	Fire Extinguisher Facts ..... 65
Craft, Basic Principles of .....	71	Fire Extinguishers, Where to Place 66
Craft Projects, Classified and Graded List .....	100	Fire Fighting Brooms Aid Safety.. 64
Croquet Court Dimensions .....	98	Fire Safety Check List ..... 63
<b>D</b>		Fleas, Control of ..... 67
Darkroom, Photographic .....	108	Flies, Control of ..... 67
Deck Tennis Court Dimensions ....	97	Food, How much children need.... 39
Desirable Practices in Health and Safety .....	54	Foods, Canned, for 100 Servings... 43
		Foods, Fresh, for 100 Servings.... 40
		<b>G</b>
		Games, Water ..... 88
		Gnats, Control of ..... 67

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*flock embossed*  
**CAMPWEAR**

- sweat shirts • jackets
- head scarfs • hats
- felt emblems

**T-SHIRTS**

**THOUSAND PINES**

CAMP CARGISCO  
 LONE STAR MUSIC CAMP  
 RIVER ROAD CAMP

Write for catalog to ...

**STYLECRAFT MANUFACTURING CO.**  
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57	Graded List of Craft Projects.....	74
93	Graded Tests of Camping Skills.....	100
82		
49		
86		
15		
65		
66		
60		
65		
93		
65	H	
66	Handicraft Projects for Camp.....	100
39	Health and Safety, Desirable	
43	Practices .....	54
88	Horseshoes, Pitching Dimensions for	98
63	Houseflies, Control of .....	67
40	How much Food do Children Need? .....	39
88	How Much Paint is Needed?.....	115
67		
39	I	
43	Index of Suppliers .....	154
40	Infirmary, Recommended Supplies	
88	for .....	60
67	Insect and Pest Control .....	67
39	Inspection Chart, Fire Prevention..	63
43	Insurance, Camp Director's Guide to	117
40		
88	K	
67	Kitchen Utensils, Camp .....	49
39		
43	L	
40	Lawn Tennis Court Dimensions....	97
88	Layout for Camp Rifle Range.....	105
67	Layouts for Camp Waterfront.....	82
39	Library of Camping Books .....	122
43		
40		
88		
67		

	M	
	Meat, Buying for 100 Servings.....	44
	Mooring Boats, Methods of .....	81
	Mosquitoes, Control of .....	67
	Motion Pictures, Camp, Classified	
	List .....	109
	Movies, for Camp, Classified List...	109
	N	
	Nails, Different Sizes of .....	115
	Newer Books You'll Want to Know	
	About .....	122
	P	
	Packages, Usual Sizes of	
	Wholesale .....	46
	Paint Quantities, Estimating.....	115
	Pest Control Methods .....	67
	Photographic Darkrooms .....	108
	Plan for Health and Safety .....	54
	Portioning of Canned Foods .....	43
	Product Listings .....	137
	R	
	Range, Archery .....	107

## SMART CAMP OUTFITS

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(Order Style S29-80)

**Sport Shirt** in White Sanforized Poplin has jiffy snap fasteners down front and is cut extra long to stay inside. Children's sizes 7 to 12, Misses 10 to 22. \$2.19 each, quantities 6 or more.

(Order Style B3-27)

Not illustrated: Cuffed shorts in Scarlet, Forest Green, Maroon, Swing Blue, Navy or White Sanforized Sportwill, with buckles at side to adjust waist, and two slanting pockets. Children's sizes 7 to 12, Misses 22½ to 40 waist. \$2.24 each, quantities 6 or more.

(Order Style S25-80)

Order today from our complete stock  
in all sizes, for prompt delivery.  
We pay transportation.

**E. R. MOORE CO**

CAMP DIVISION

932 Dakin Street

Chicago 13, Illinois



# AMERICAN PLAYGROUND DEVICE CO.

WORLD'S LARGEST MANUFACTURERS  
OF FINE PLAYGROUND, SWIMMING POOL  
AND PHYSICAL FITNESS EQUIPMENT

ANDERSON · INDIANA

With some highly intriguing  
developments in progress  
at NAHMA, Michigan.

*Mark* *is* *Everything* *with* *Cash's*

**Cash's**

**WOVEN NAMES**

Identify and protect belongings of both campers and camps — neatly, permanently. Sew on, or use Cash's NO-SO Cement for attaching. Ask about our service to camp and school owners and directors. Department stores sell Cash's, or order direct.

**CASH'S, South Norwalk 18, Conn.**

## PRICES

3 Doz. \$2.25    9 Doz. \$3.25    NO-SO CEMENT  
6 Doz. \$2.75    12 Doz. \$3.75    25c a Tube

Range, Rifle .....	105
Recommended Camp Facilities .....	60
Recommended Camp Infirmary .....	

Supplies .....	60
Rectangular Tanks, Capacity of.....	116
Rifle Range .....	105
Riflery in Camp .....	102
Round Tanks, Capacity of .....	116

## S

Safety, Plan for Health and.....	54
Sandflies, Control of .....	67
Sanitation, Desirable Practices in..	57
Shuffleboard Court Dimensions.....	99
Silverfish, Control of .....	67
Softball Field Dimensions .....	94
Storage Racks for Canoes .....	84
Suppliers, Alphabetical Listing of..	154
Swimming Area, Layouts for .....	82
Swimming, Games for .....	88

## T

Table Tennis Dimensions .....	99
Tanks, Rectangular, Capacity of....	116
Tanks, Round, Capacity of.....	116
Tennis, Deck, Dimensions of Court..	99
Tennis, Lawn, Dimensions of Court.	99
Tennis, Table, Dimensions of Table.	97
Tests of Camping Skills, Graded....	100
Tools, Basic Craft Shop .....	72

## U

Usual Sizes of Wholesale Packages	46
Utensils for Camp Kitchens .....	49

## V

Volleyball Court Dimensions .....	94
-----------------------------------	----

## W

Water Games for Camp .....	88
Waterfront Equipment .....	86
Waterfront Layouts .....	82
Where to Place Fire Extinguishers	66

It is the aim of the publishers and of the Association to include only authentic information in this publication. However, it is recognized that there may sometimes be more than one school of thought on certain subjects; therefore, nothing which appears herein should be interpreted as an official statement of policy of the American Camping Association.

# THE CAMP DIRECTOR'S CHECKLIST

A PRACTICAL, MONTH-BY-MONTH GUIDE  
TO  
SUCCESSFUL CAMP OPERATION

by

LEWIS C. REIMANN  
*Camp Consultant*

Mr. Reimann incorporates in this check list the essence of thirty-two years of successful camp operation and direction.



Copyright 1951 by  
National Board of Young Men's Christian Associations

Revised and enlarged 1952 by  
The Editors of Camping Magazine

*March  
is the time to ...*

MARCH						
S	M	T	W	T	F	S
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23 30	24 31	25	26	27	28	29

1. Bring your folder on "Suggestions to Parents" up to date. Suggest how parents can help make camp more successful for their children. Cover such points as visiting rules, sending candy to campers, cutting apron strings, too many instructions to campers before they go to camp, letters that will upset them, too much demonstration of affection before others.
2. Urge your counselors to make serious preparation for their jobs by becoming members of the ACA, by reading *Camping Magazine* and books for camp counselors, attending camp conferences, learning good camping techniques, etc.
3. Help your waterfront instructor to attend some Red Cross Waterfront Training School in your area. It is a good safety investment to pay his or her way to this school.
4. Secure self-rating questionnaires for your counselors, to be used before camp opens, at the end of the fourth week of camp, and at the end of the season. This will help to keep them "on their toes."
5. Consider hiring one extra counselor to fill in gaps in the staff during the season and to replace any counselor you may need to discharge. This is a good "insurance" for top performance on the part of all staff members.
6. Inform yourself on state laws regulating employment of minors.
7. Ask your caretaker to check tents for tears, cracks, mildew. Have him take those needing repairs to a canvas shop for reconditioning. Investigate the new mildew preventatives for your tents. It will save you money.
8. Consider buying a portable gasoline-operated water pump for fire fighting, sprinkling of grounds during drought, and jettying in your dock piling.
9. Make fire-break roads or cut trails through your wooded areas and property borders as a safety precaution. A tractor and disc will do the job at little expense.
10. Place your food order early, to be sure of a balanced supply. Avoid over-buying. Order enough to take you through half the season. Then observe what the chef uses up and buy as you need. Avoid carrying an inventory past the end of the season.
11. Contact your meat supplier and inform him what your approximate weekly needs will be.
12. Hold that important camp reunion if you have not already done so. Spring is just around the corner. A reunion of camp buddies and parents and counselors will warm up the old camp spirit.

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## *In the space below*

Jot down additional March duties—people to see, things to check up on, supplies and equipment to be ordered.

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See ACA information,  
on page 162.

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For Counselor Evaluation  
data see Camping Maga-  
zine, Jan. 1952.

See Fire Protection Data,  
pages 62-66.

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For Food Facts see this  
issue, pages 38-53.

*April  
is the time to . . .*

APRIL						
S	M	T	W	T	F	S
			1	2	3	4
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

1. Visit camp. How did the buildings winter? Are there any leaky roofs? How about the paint job on the cabins? Are there fallen trees to be removed? Work on boats and canoes. Outline the necessary preparations with your caretaker.
2. Apply for a license to operate your camp if your state laws require it.
3. Re-examine your state health department inspection report of last summer to see how you can improve health and safety conditions.
4. Take your counselors and committee chairman to the next Camping Association meeting. Contact with other camp people will result in a more efficient and enthusiastic staff.
5. Work with the local committee on the national observance of "Camp Week." It offers the finest opportunity to publicize the camp idea. Do your part; use window displays, the radio, newspapers, schools, and libraries.
6. Ask an older, experienced counselor to make a list of "What a New Counselor Needs to Know" about your camp. Use this list in your spring staff meetings.
7. Set a date for a meeting in May of all staff members you can get together. Plan to spend several hours in presenting your policy, telling about camp plans and objectives, answering questions, and soliciting suggestions. A good meal and some fun will make it a happy and profitable occasion.
8. Prepare a questionnaire for parents, covering their wishes for their child in camp, the camper's habits, interests, hobbies, strong points, weaknesses, how the child gets along with others, and so on. This should be ready to send out two weeks before camp opens.
9. Secure the book, *The Marks of Good Camping*, and send pertinent excerpts to your staff and camp committee. Secure a copy of the *Camp Standards* that have been adopted by ACA and check against it your practices in administration, personnel, health and safety, and program.
10. Arrange with your farmer neighbor to have the grass or hay on your grounds cut a week before camp opens. He will be busy then and it is important to confirm the arrangement now.
11. Enroll a few extra campers to take the place of those who cancel between now and the opening date. A small waiting list will insure a full camp.
12. Investigate the procedure and plan to propose to campers and staff, through the camper council, that the camp adopt a war orphan or assist in feeding the hungry children of other lands. Chapel offerings or special contributions can be used for this purpose.

*In the space below.*

Jot down additional April duties—people to see, things to check up on, supplies and equipment to be ordered.

**For Painting information, see page 115.**

**For Parent Questionnaire  
see Camping Magazine,  
Feb. 1952.**

**May**  
**is the time to . . .**

MAY						
S	M	T	W	T	F	S
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1. Arrange for transportation with the bus company; if they add extra sections to their regular run, it will reduce the cost. Get a confirmation of the arrangement in writing.
2. Prepare for the first staff meeting a detailed outline of "Duties of the Cabin Counselor": preparation of cabin and immediate grounds before campers arrive; complete cabin equipment; thorough study of each camper's questionnaire; list of campers in cabin; reception of campers and parents; introductions; helping campers to settle, make beds, arrange trunks and equipment; rules regarding treatment of camp property; sleeping and arising hours; rest hour; selection of activities.
3. Prepare pre-camp medical examination blank for use by family physician. Ask about previous illnesses, immunizations, allergies, food idiosyncrasies, bed wetting, heart and lung condition, activity limitations. Request on blank that the examination be made *not earlier than one week* before camper goes to camp.
4. Outline procedure and preparation for trips. A list of duties to be performed on trips, and rotation of such duties among campers, is essential.
5. Prepare requisition slips for purchase of equipment during the season. Require that requests be made out by heads of departments and submitted to you or your business manager for approval or rejection.
6. Prepare the equipment and clothing list to send to parents. Pare the list down to a minimum and insist on no extras.
7. If camp is near by, organize work parties of campers and parents, camp committee, or service club members to clean up the grounds, repair and paint buildings. These can be fun and will create interest in your camp.
8. Order the new books for camp library and be sure you haven't lost the basic ones. Check with local or state traveling libraries for books on loan; request shipment to camp about a week before the opening date.
9. If you use riding horses, contract now for rental or purchase of *safe and sound* horses, and tack.
10. Have your horse-drawn wagons and equipment put into safe condition for hayrack rides. Send only an *experienced horseman* to handle the horses on these trips.
11. Inform yourself on the application of the U. S. Wages and Hours Law.
12. Send to National Organization for Public Health Nursing, 2 Park Ave., New York 16, for *The Nurse in the Camp Program* (50c). Provide your doctor and nurse with an outline of their responsibilities and duties. Require that the nurse or doctor be on duty and available at all times. Secure cards for the nurse to record all treatments for each camper and staff member.
13. Outline counselor training sessions in camp before the opening. List staff committees to be appointed—waterfront, inspection, handicraft, trips, athletics, dramatics, and so on.

*In the space below*

Jot down additional May duties—people to see, things to check up on, supplies and equipment to be ordered.

For Health and Safety suggestions, see this issue, pages 54-61.

**See Book List beginning  
on page 122.**

*June  
is the time to ...*

JUNE						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

1. Send final instructions to parents and campers.
2. Visit camp. Check dock, buildings, screen doors and windows, boats, waterfront, athletic field, tennis courts, rifle and archery ranges, water and sewage systems. Send samples of drinking and swimming water to state health department; look for hazards such as steps, roots, leaning trees, holes in the ground. Have caretaker check kitchen stoves, electric fans, pumps, motors, and machinery. Have flower beds planted about buildings and campsite. Arrange for insect control by spraying or dusting. Spray or eradicate poisonous plants. Examine fire-fighting apparatus, extinguishers, power pump, and firebombs. Place them strategically, as in kitchen, handicraft shop, infirmary. Have a service man check the refrigerator system.
3. List various work projects for your campers. Parents usually appreciate your giving their children this experience and it gives campers a feeling of belonging.
4. Buy your first-aid supplies wholesale. Arrange with a local hospital for medical and surgical services, sterilization of supplies and equipment, X-rays. Lack- ing a resident doctor, arrange with a local physician for emergency calls. Check life-saving equipment, "emergency only" boat at waterfront, stretcher, etc.
5. Notify your food handlers of physical examination required by state laws.
6. Contract with your laundry service, getting written itemized charges. Inspect dishwashing facilities. Be sure of adequate hot water for sterilizing.
7. On returning home, check all plans thoroughly. When you return to camp for the season take along office supplies, records of campers, account books, personal books, and your books on camping.
8. Arrive in camp two or three days ahead of the staff. Have your chef and assistants arrive at the same time. Make a careful inspection of all buildings, equipment, grounds, waterfront, and supplies.
9. Be on hand to greet the staff on arrival. Give them time to tour the camp before calling a staff conference. Plan some fun the first night. Make your- self available for interviews and questions.
10. After a good breakfast, call your first staff meeting. Introduce the mem- bers. Give a statement of camp policies, objectives, and methods. Emphasize your own and the staff's responsibility for the care and guidance of the campers entrusted to your care. Impress upon them that a successful season will depend upon team work, devotion to the individual camper, and their loyalty to camp objectives.
11. Appoint staff committees early. After discussion in separate meetings, have the chairmen bring their plans before the entire staff for discussion, change,

or approval. Make decisions on a democratic basis. Make staff assignments to camp-preparations work, with department heads as chairmen.

12. Discuss concrete methods of camper guidance; encourage suggestions and criticisms. Acquaint staff with camp business practices.

13. Ask the camp doctor or nurse to talk on how counselors can guard the children's health; have the program director discuss program plans.

14. Set up program for first week: reception and cabin assignments; inspection of camp by groups; first dinner; introduction of staff; statement of camp rules affecting camper safety and care of property; first all-camp evening program; medical check-up; orientation to program offered, activities selection and assignment; cabin, section, and all-camp programs; first Sunday in camp.

### *In the space below*

Jot down additional June duties—people to see, things to check up on, supplies and equipment to be ordered.

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For Insect Control data,  
see pages 67-69.

For Fire Fighting facts,  
see pages 62-66.

For Weed Control, see  
Camping Magazine,  
March 1952.

For Food Staff suggestions,  
see Camping Magazine,  
Jan. 1952.

*July  
is the time to ...*

JULY						
S	M	T	W	T	F	S
			1	2	3	4
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

1. Give your campers and their parents an enthusiastic welcome.
2. First evening: a good dinner; some camp songs; introduction of staff; preliminary instructions to campers; an all-camp evening program planned in advance; sound taps an hour later than usual.
3. After inspection and breakfast, begin physical examinations and weighing by section groups; rest hour; games can be planned for afternoon.
4. On third day have activity heads at their posts. Take campers by sections to each activity counselor who explains his activity. After this orientation, each counselor may help each of his campers to make his choice of activity for the week. Lists of choices may then be given to program director who will make out schedules. At end of first week, camper again makes his choice.
5. After a few days, hold evening staff meeting to review progress, answer questions, make cabin changes, plan program for next week. Schedule of principal events of season can be planned, such as trips, water carnival, circus, intercamp games and contests. Hold regular staff meetings weekly; provide for section staff meetings and activity committee meetings.
6. Consider an elected camper council.
7. Plan Sunday programs: rising an hour later; leisurely breakfast; cabin clean-up; chapel service or church in town; letters to parents; all-camp or section activities in afternoon; vesper service; stories or discussions in cabins before taps.
8. If you have a visiting day for parents, conduct regular program so parents can observe operation of camp; allow time for family visiting, consultation of parents with director and cabin counselors.
9. Co-operate with health inspector who visits camp; ask him for suggestions on improving conditions and practices; invite him to speak to kitchen and dining-room staff.
10. Arrange time-off schedules for staff, always leaving enough personnel in camp to meet demands of day's program. Provide a weekly evening of fun and entertainment for staff.
11. Re-emphasize with staff that purpose of camping is to develop individual boy or girl, rather than to teach woodcraft, swimming, etc., as such.
12. After two weeks, call meeting of staff to discuss special camper situations. These can be most important and productive sessions. By having the whole staff work on a difficult situation, many camper problems can be helped or solved.
13. Rate your counselors at end of first four weeks and compare with their self-rating. Interview each counselor, suggest any improvements in his performance, commend him on his successes.

14. Ask counselors for written report on each camper in their cabins. Compare these with parents' questionnaires to ascertain how well the camp is succeeding with individual camper.
  15. Ask counselors to write friendly letters reporting progress to parents of campers in their cabins.
  16. Require nurse to pass out blanks to counselors daily at breakfast for health report on each camper; nurse sees that campers needing medical or nursing attention report at infirmary. Weigh campers every two weeks; keep a weight chart. Have nurse present to you at end of each day a record of all treatments and conditions of campers and staff.

*In the space below*

Jot down additional July duties—people to see, things to check up on, supplies and equipment to be ordered.

**For Desirable Sanitary practices, see page 57.**

# *August is the time to ...*

AUGUST						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

1. Have staff set dates for special final events: water carnival, circus or land carnival, horseshow or rodeo, final banquet, final council fire ceremony, etc. Appoint counselor committees to supervise these events.
2. Keep up weekly meetings of camper council; urge suggestions for camp improvement.
3. Ask counselors for written suggestions for camp improvement for balance of season and next summer.
4. Have counselors use self-rating scale the last week of camp. You rate them also.
5. Brief counselors on their responsibilities during the last week in camp in order to end season with enthusiasm and success; inform them as to date of their departure after campers leave.
6. Inform counselors that inventories are to be made of their department equipment at close of season. Ask them to list condition and give recommendations for equipment and program in their departments for next season.
7. Prepare a list of names and addresses of entire staff to be distributed to campers and staff. Have extra copies made for later use.
8. If you wish to enroll campers for next season, contact parents who visit camp and write to others enclosing applications to be returned before the close of the season. Some camps offer special free trips for early enrollments for the next season.
9. Ask campers, counselors, and parents for names and addresses of friends who may be interested in having their children in camp next summer.
10. During the last week have counselors check on campers' clothing and equipment, locating lost articles and bringing in unclaimed articles for distribution to owners.
11. Have all library books collected and checked against library list, then stored in boxes for shipment.
12. Have a call for collection at handicraft shop of all tools.
13. Send parents information bulletin giving details about closing of camp, how campers will return home, and asking for instructions from parents.
14. Arrange for transportation of campers going by train, bus, or plane.
15. After campers have left, send out final financial statements to parents listing all charges and payments. Enclose any refund checks due.

16. Have counselors stay a day or two to put away equipment and make inventories of department items.
17. Plan a final big dinner for the staff.
18. Pay counselors, giving them a detailed statement of withdrawals, charges, and payments.
19. Pay all local bills before you leave camp.
20. Write notes of thanks to local merchants and others in town or community for their co-operation during the summer.
21. Distribute to your camp neighbors any broken lots of food you cannot use or sell.
22. When everyone has left camp, relax a few days before tackling the final details of closing camp.

*In the space below*

Jot down additional August duties — people to see, things to check up on, supplies and equipment to be ordered.

For Counselor Evaluation  
see Camping Magazine,  
Jan. 1952.

# *September is the time to . . .*

SEPTEMBER						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

1. Check the condition of buildings and equipment; decide on repairs.
2. Check power machinery, such as pumps, lathes, meters. Have tools repaired, sharpened, oiled, and stored against moisture and rust. List tool requirements for next season.
3. Prepare a written inventory of equipment in all departments, note condition, and list needs for next summer.
4. Give caretaker a list of maintenance items to work on during the good fall weather. Furnish him with the necessary tools and materials.
5. Make an inventory of food on hand. If possible, return unbroken case lots to your wholesaler. Store imperishables in a dry, frost-proof place. Check against the inventory those items in partial supply, for buying in the spring.
6. Ask key staff members for suggestions on how to improve next summer's personnel, program, buildings, and equipment.
7. Call a meeting of camp committee to report on the summer's operation—weak points and successes; the financial report; building and equipment needs; plans for the fall, winter, and spring months.
8. Send out a "Report to Parents" on the summer's operation, asking for suggestions on how the camp could be improved.
9. Send your monthly news letter to campers, staff, and parents, with information about campers, counselors, plans for improvement of camp equipment, and so on.
10. Examine the state department of health report on your camp; note where you need to improve health and sanitary conditions.
11. If you plan to construct additional buildings, investigate local supplies and prices. If you have trees on your property for the lumber, it should be cut in the fall so it can season until you start building in the spring.
12. Check carefully your insurance—fire, windstorm, workmen's compensation, and public liability. Include your stored equipment as well as buildings.
13. Start building up your staff for next summer. Invite your best counselors back; also your chef and assistants, if satisfactory. Secure information on new personnel.
14. Do the landscaping you have been putting off—next spring you and your caretaker will be too busy. Transplant trees and shrubbery; make new riding trails; clear out undergrowth; haul in fill dirt and sand; make flower beds; trim trees around the camp area.

## *In the space below*

Jot down additional September duties—people to see, things to check up on, supplies and equipment to be ordered.

See Maintenance Calen-  
dar, Camping Magazine,  
Jan. 1952.

For Insurance Infor-  
mation, see pages 117-121.

*October  
is the time to . . .*

OCTOBER						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1. Start gathering the best photographs for your new camp folder or catalog. Use action pictures. Consult your printer about an attractive layout and give him ample time to do a good job. Don't economize. Your catalog represents you where you cannot go; it should do your camp justice.
2. A new letterhead, printed on good stock, with an attractive picture at the top is a good investment.
3. Write an account of the most interesting experience of the past season and send it to *Camping Magazine*. Keep your name and the name of your camp before the general public and before camp people.
4. Have sails, boats, and canoes repaired. Your caretaker and boat men are not so busy now as in the spring.
5. Watch for wind and rain damage to buildings. Have your caretaker check leaky spots in the roofs while it is raining, mark the spots from the inside with white chalk, then make the repairs on fair days.
6. Make a date with your local plumber now and have him save ample time for work at your camp in the spring. He can order your equipment needs now for spring delivery.
7. Run off your camp movies and colored slides to see if they need editing or additions. Check the running condition of your movie and slide projector and prevent the embarrassment of having the machine break down when you attempt to show the pictures at some home or the camp reunion.
8. Write campers and parents for prospects for next season; use a special permit, business-reply card for that purpose. You will be surprised at its value in returns.
9. Send a monthly news bulletin to your campers. Use colored paper—it attracts attention. Tell them items of interest about the camp—the deer, wild life, fishing, new additions to the camp buildings and equipment, news of campers and counselors.
10. Don't forget campers who have not been at camp for a season or two. They and their parents like to be remembered. Include them in your mailing list for bulletins and your request for names of prospects.
11. Agency camps should investigate the availability of surplus commodities and supplies. These can often be obtained for the asking; put in your request early, but avoid loading up on certain surplus supplies, even though they are cheap or free. Some camp directors develop "accumulitis," then wonder where their money goes.

## *In the space below*

Jot down additional October duties—people to see, see, things to check up on, supplies and equipment to be ordered.

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See Camp Catalog articles in Camping Magazine, June, Nov., Dec., 1951.

For Article Ideas see Camping Magazine, Nov. 1951, page 27.

See Camp Movie list on pages 109-114.

*November*

*is the time to . . .*

NOVEMBER						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23 <sup>20</sup>	24	25	26	27	28	29

1. Plan for a camp reunion during the Christmas holidays or later in the winter. Make it a big day of events. Arrange a suitable meeting place. Be sure to include the fathers and mothers who pay the tuition. You must keep selling the camp idea. Make your camp more attractive than a summer trip, the resort cottage, or the new family motor boat.
2. Continue your magazine advertising: it has a cumulative effect in results; it spreads your clientele over a wider area. Careful selection of your advertising medium is essential for best results.
3. Read up on the activities of your camp. Enroll in some evening course to learn new skills. You cannot be an expert in every camp activity but you should know a great deal about each one.
4. If bookkeeping is your weak point, take a short evening course in a business school. It will save you money, sleepless nights, and many headaches.
5. Keep from being a rationalizer where your own camp, equipment, and program are concerned. No one has all the answers. Learn from other directors at camp conferences and conventions.
6. Are you a slave to traditions? Do you repeat certain practices each summer because "that's the way we did last year" or "that's the way we've always done"? Remember what Lord Kelvin said when he discovered the secret of refrigeration: "I've found a better way." Some of the best suggestions in successful camps have come from campers and counselors and parents.
7. Ask yourself: "Is my camp program camper-centered, or do we just put over a program and hope they like it?" The trend for years has been toward a more democratic camp, in which counselors and campers have a greater voice in camp programs and policy. This method takes skill on the part of the director, but campers and staff develop and grow under it.
8. Remember that unless your camper returns home better equipped to meet the demands of his normal environment—his home, school, church, and community—his camp experience has not contributed much to his development.
9. Take some responsibility in your Camping Association. You need it and it needs you. A sponge gets pretty soggy if it keeps soaking up but never gives out. Over a period of years those directors who are most active in their professional organization are the most successful directors.

*In the space below*

Jot down additional November duties—people to see, things to check up on, supplies and equipment to be ordered.

**See ACA information  
on page 162.**

# *December is the time to ...*

DECEMBER						
S	M	T	W	T	F	S
1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

1. Plan week-end outings for your campers and their friends if your camp is accessible and has some winterized buildings. Have some of the counselors and parents share in the fun—sliding, tobogganing, sleigh rides. Marshmallow and potato roasts before the open fire on a cold night are pleasures never to be forgotten.
2. Start figuring your income-tax and your estimated-income-tax reports. A few hours now will save you many hours of worry and work later.
3. Attend the meeting of your Camping Association.
4. Contact the firm that sells uniforms and equipment for your campers. Advise them of any changes you desire in patterns and color. Give them an estimate of your total needs so they can place their order for May or June delivery.
5. Start making a list of food supplies; this is a long and meticulous job. Make early contacts with food suppliers to learn the condition of the markets and what changes may occur.
6. Engage your kitchen staff if possible and consult your chef on food purchases. Most cooks have more experience in this area than do directors. Cooks also have their preferences as to kinds and quality of food they like to prepare.
7. The Christmas vacation is an opportune time to interview prospective counselors home from college. Engage your key people early, then fill in the others as you can. Work through counselor placement bureaus set up by your Camping Association, colleges and universities.
8. Write your caretaker for a progress report on the work outlined for him. Send him monthly instructions.
9. Prepare your Christmas cards to campers, staff, parents, and prospects. Mail them out before the Christmas rush begins. Cards with snow scenes at camp with an appropriate Christmas message will rekindle interest in the camp.
10. Write letters to parents of your campers, and a few prospects whom you know well, suggesting that they enroll their boys or girls for next summer as an appropriate Christmas gift which will have lasting effects. A special Christmas card stating that the camper is enrolled can then be sent to the parents to place in the camper's stocking Christmas Eve.
11. Buy and mail your caretaker's Christmas gift early. He will appreciate your thoughtfulness.
12. Have some of your best camp photographs made into post-cards to use when sending short notes to campers and friends.

*In the space below*

Jot down additional December duties — people to see, things to check up on, supplies and equipment to be ordered.

For Week-end Camping data, see Camping Magazine, Dec. 1951.

*January 1953  
is the time to . . .*

JANUARY						
S	M	T	W	T	F	S
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1. Complete your income-tax and estimated-income-tax reports.
2. Start magazine advertising for February, March, April, and May.
3. Complete your camp folder or catalog for early mailing.
4. Prepare form letters to parents of prospects and mail them out with the catalog, enclosing one of your collect-postage prospect cards.
5. Start traveling to visit parents of prospects. Plan your route carefully. Write to parents stating that you would like to see them on a definite date. Ask them if they would be willing to invite some friends and their children in to see the camp movies and slides and learn about your camp. Plan to stay in the town or city the next day or two to visit all your prospects at their homes.
6. Send out monthly news bulletin telling about counselors who will be back next summer, campers who are already enrolled, items of personal interest, and plans for camp next season.
7. Engage nurse and/or doctor now, if possible. Due to changes in internship policies in most hospitals, doctors are difficult to secure. For camp positions, health authorities recommend nurses who have had public-health training.
8. Set the date for the camp reunion and send out invitations.
9. Make plans for some project in which the whole camp can take part, such as building a bridge across the creek, a new chapel, council ring, Adirondack shelter, or an outpost campsite and equipment.
10. Make a list of possible out-of-camp trips to take next summer—by canoe, horseback, covered wagon, truck, hiking, etc. Make a map of routes and destinations; if the sites are owned by someone else, get permission to use them.
11. In the interest of good public relations, send a news story to the local newspaper near your camp telling of prospects for the summer, new improvements at camp, and other items of interest including names of local people who will work at the camp.
12. Work on your food list. Make inquiries about supplies and market.
13. Do your part to promote the whole camping movement. You might offer to serve on a committee of your Camping Association.
14. Read carefully the articles in *Camping Magazine* for up-to-date practices and suggestions; it is a gold mine of good ideas. Know the camp resource books available. Read them and select the ones you will use for counselor training.

*In the space below*

Jot down additional January duties—people to see, things to check up on, supplies and equipment to be ordered.

**For Food Facts, see  
pages 38-53.**

**For Books on Camping  
see bibliography begin-  
ning page 122.**

**For Books on Camping  
see bibliography begin-  
ning page 122.**

*February 1953  
is the time to . . .*

FEBRUARY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

1. Hold a meeting of your camp committee to discuss plans and improvements for the season. Keep in touch with the committee throughout the year. Take your chairman to the camp conferences. The director must be the spark plug for an informed and enthusiastic committee.
2. When setting dates of the camp, check with school authorities in cities from which you draw the majority of your campers as to when schools will close.
3. Write to your milk dealer about supplying you with pasteurized milk at camp. Write the baker about deliveries, giving dates of the camp.
4. Contact counselor-placement bureaus about staff needs. Examine applications; interview persons who seem to fit your needs. Do not rush; let applicants consider your offer a week or two before you or they decide definitely.
5. Urge your staff members to enroll in camp-counselor training courses offered in colleges and universities.
6. If you have not yet set your tuition rate or fee for the summer, first consider carefully the costs of food, staff, and new equipment. Low fees may not enable you to give the best in food, staff, or equipment.
7. Sell yourself and/or your camp committee on the idea of having a flexible food budget. A limited or inadequate food budget can wreak havoc with the morale of campers, staff, and parents.
8. Use last year's staff for promotion purposes. Counselors can often visit former campers and their friends and thereby assist you in contacting prospects you may not be able to visit.
9. Urge some of your most popular counselors to write to last year campers to renew their interest in the camp. This personal contact is appreciated by campers and their parents and it brings good dividends.
10. Prepare a job analysis for every staff position and, when convenient, discuss the analysis with each employee. Impress each counselor with the fact that camp counseling is a 24-hour-a-day job, that it is not a vacation, that it is hard, concentrated work. Don't ever make the job appear an easy one, or you will have disgruntled counselors on your hands all summer.
11. Prepare your "Rules for Counselors" in regard to time off, conduct in camp and in town, supervision of cabins, and so on. Discuss these rules with prospective counselors; have them agree to observe the rules before hiring them.
12. Check with various health and accident insurance agencies on the provisions of their policies and choose the one best suited to your needs. It is often advisable to choose an agency which has a license to operate in your state, for quick settlements of claims.

*In the space below*

**Jot down additional February duties—people to see, things to check up on, supplies and equipment to be ordered.**

For Insurance Information see pages 117-121.

**BITE SIZE BISCUITS**  
Wheat and Rice in individual  
service and large size packs



## CAMPING KIDS NEED ENERGY



Serve these delicious whole grain Ralston products often. Popular with the kids—particularly priced, too.

Ask your own supplier or jobber for Ralston Cereals and Ry-Krisp—all in the famous Red-and-White Checkerboard packages.

**RALSTON PURINA COMPANY**

Institutional Division, General Headquarters,  
Checkerboard Square, St. Louis 2, Missouri

**HOT RALSTON WHEAT CEREAL**  
Twice as much Wheat Germ  
as in Whole Wheat



**9-LB. RY-KRISP**  
In special pack



**RALSTON OATS**  
**RALSTON WHEAT OATA**  
In packages and 50-lb. bags



**RALSTON TRAY-PAK**  
Individuals for variety service

# HOW MUCH FOOD do children need?

**Kinds and quantities of food required per person per week  
based on moderate-cost meals**

Item	Unit	Children 7-9	Children 10-12	Girls 13-15	Girls 16-20	Boys 13-15	Boys 16-20
Milk <sup>1</sup>	Qts.	7	7	7	7	7	7
Potatoes	Lb.-oz.	1-12	2-8	2-10	2-4	3-2	4-0
Dry Beans, Peas, Nuts	Lb.-oz.	0-2	0-2	0-3	0-2	0-3	0-4
Tomatoes, Cit. Fruit	Lb.-oz.	1-8	1-12	1-12	2-0	2-0	2-0
Leafy, Green, & Yellow Vegs. <sup>2</sup>	Lb.-oz.	3-0	3-8	3-8	3-8	3-0	3-0
Other Vegs. & Fruit <sup>3</sup>	Lb.-oz.	3-0	4-0	3-4	4-4	5-0	5-8
Eggs	No.	6	6	6	6	6	6
Meat, Fish, & Poultry <sup>4</sup>	Lb.-oz.	1-8	2-0	2-8	2-8	2-12	3-0
Flour, Cereals <sup>5</sup>	Lb.-oz.	2-2	3-4	3-4	2-8	4-8	5-0
Fats, Oils <sup>6</sup>	Lb.-oz.	0-8	0-12	1-2	0-12	1-2	1-9
Sugars, Sirups, Preserves	Lb.-oz.	0-8	0-12	0-14	0-12	1-2	1-9

1—Or its equivalent in cheese, evaporated milk, or dry milk.

2—Such as green cabbage, kale, snap beans, carrots.

3—Such as apples, bananas, peaches, onions, corn, celery.

4—Exclude bacon and salt side.

5—Count 1½ lb. bread as lb. of flour. Use chiefly whole or enriched products.

6—Include bacon and salt side.

Source: Bureau of Home Economics, U. S. Department of Agriculture.

# Buying FRESH FOODS for 100 Servings

## Meats

Item	Amount Required
Bacon	15 pounds
Chicken (creamed)	30 pounds
Chicken (fricassee)	50 pounds
Chicken (roast, fried)	75 pounds
Chops	40 pounds
Cold Cuts	18 pounds
Corned Beef (for hash)	20 pounds
Dried Beef	10 pounds
Frankfurters	16-20 pounds
Ground Meat (loaf)	20 pounds
Ground Meat (patties)	25 pounds
Ham (baked)	40 pounds
Ham (cold boiled)	12 pounds
Liver	25 pounds
Sausage	25 pounds
Meat for Soup (meat and bones)	30 pounds
Stew (with vegetables)	20 pounds
Swiss Steak	35 pounds
Short Ribs (bone in)	65 pounds
Turkey, Roast, with Dressing	50-60 pounds

## Fish

Fillet	30 pounds
Whole, cleaned	35 pounds

## Fruits

Apples	34 pounds
Apples (sauce or salad)	30 pounds
Bananas	34 pounds
Bananas (sliced or in salad)	15 pounds
Berries	
Blackberries	20 quarts
Blueberries	12 quarts
Raspberries	23 quarts
Strawberries	24 quarts

Item	Amount Required
Cherries	1 crate (16 qts.)
Grapefruit	50
Grapes	30 pounds
Melons	
Cantaloupe	50
Honeydew	37 pounds
Watermelon	75 pounds
Oranges	100
Peaches	35 pounds
Pears	34 pounds
Plums	20 pounds
Rhubarb	24 pounds

## Vegetables

Asparagus	34 pounds
Asparagus (creamed)	25 pounds
Beans (green or wax)	28 pounds
Beets	30 pounds
Broccoli	35 pounds
Cabbage (cooked)	25 pounds
Cabbage (raw)	16 pounds
Canned Vegetables	4 No. 10 Cans
Carrots	25 pounds
Cauliflower	50 pounds
Celery (salad)	10 bunches
Corn	100 ears
Cucumbers (salad)	8
Lettuce (shredded)	20 heads
Lettuce (garnish)	10 heads
Onions	24 pounds
Parsnips	28 pounds
Peas (in shell)	50 pounds
Potatoes, Irish	40 pounds
Potatoes, Sweet	40 pounds
Radishes	20 bunches
Spinach	34 pounds
Squash, Summer	30 pounds
Tomatoes	30 pounds
Turnips	30 pounds

(Continued on page 42)



## PANCAKE POPULARITY INSURANCE

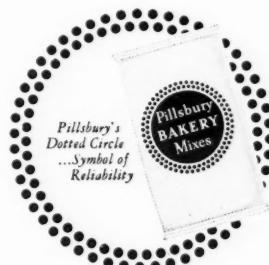
Pancakes are a big item on the camp menu. And—provided they are thoroughly **good** pancakes—they can add a great deal to the camp's reputation for setting a good table.

When you use Pillsbury's DeLuxe Griddle Mix, you get top-quality pancakes in the easiest possible way. No need to enrich the batter by adding ingredients—for the mix itself contains extra-generous quantites of eggs and shortening.

Compare these light, tender, rich-flavored pancakes with any others. You'll see why this extra-quality mix has won such high favor in camps that are particular about the foods they serve.

**Ask your jobber...or write us  
about a trial order under our  
money-back guarantee.**

**PILLSBURY MILLS, Inc.**  
General Offices: Minneapolis 2, Minn.



## Prepared Foods

Beverage	.....	5 gallons
Bread (30 slices to a 2-lb. loaf)	.....	7 loaves
Cake, layer, 10-inch	.....	6 cakes
Cake, sheet	.....	2 pans (12 x 20 in.)
Fruit Cup	.....	2½ gallons
Pies, 9-inch	.....	15
Pudding, cornstarch	.....	2½ gallons
Salads	.....	3-4 gallons
Salad Dressing	.....	2 quarts
Sauces	.....	3-4 quarts

## Miscellaneous

Berries (shortcake)	.....	16 quarts
Butter or margarine	.....	2 pounds
Cheese, American	.....	7 pounds
Cheese, Cottage	.....	20 pounds
Cocoa	.....	1 pound
Ice Cream	.....	4 gallons
Macaroni	.....	8 pounds
Olives	.....	3 quarts
Pickles	.....	3 pounds
Potato Chips	.....	5 pounds
Rice	.....	10 pounds
Spaghetti	.....	8 pounds

### Vary Your Menus

WITH THESE HIGH QUALITY  
NUTRITIOUS, DELICIOUS  
**CHIN AND LEE**  
**CHINESE FOODS**

**Chop Suey**  
Economy 50 oz. Camp-size

**Noodles**  
No. 10 tins (2 lbs. net)

**Soy Sauce**  
½ gallons

**Chop Suey - Noodles**  
No. 2 tins

Send orders to

**CHIN & LEE CO.**

123 Bank St. New York, N. Y.

### BUDGET MEALS

Your Campers will 'Go For'

HBC popular, ready mixed food products lift a burden from those who have to satisfy the appetite of hungry campers. Gelatine Desserts, Cream Desserts, Sweet Milk Cocoa, Rapid Cake Bases, and hot weather Beverage Bases are only a few of the HBC economies and short-cuts to good meals that will keep your campers happily fed for less money and less work.

Quality



Since  
1891

TRIPPEROOS . . . the ideal food package for all out-of-camp meals. Over 20 menu favorites—each one serves four campers generously.

Beverage Bases	Gelatine Desserts
Lemon Crystals	Cream Desserts
Soup Bases	Sweet Milk Cocoa
Welsh Rarebit	Rapid Cake Bases

**V-C-B (VITAMIN C BEVERAGE BASE)**  
Complimentary Samples and Literature to  
Camp Directors on Request

**Hilker & Bletsch Company**  
614 West Hubbard Street, Chicago 10, Ill.  
Institutional Division

# Buying CANNED FOODS for 100 Servings

PRODUCT	Size of Can	Count Per Can	Size of Portion	Approx. No. of Cans for 100 Portions
<b>TABLE FRUITS</b>				
Apricot Halves	No. 10	76-88	3 halves	4
Fruit Cocktail	No. 10		4 oz.	4
Kadota Breakfast Figs	No. 10	90-110	3 figs	3½
Peach Halves	No. 10	35	3 oz.	3
Peach Slices	No. 10		3 oz.	3½
Prune Plums	No. 10	75-85	3 plums	4
<b>VEGETABLES</b>				
Baked Beans	No. 10	3 quarts	7 oz.	7
Green Beans	No. 10	3 quarts	4 oz.	4
Wax Beans	No. 10	3 quarts	4 oz.	4
Beets	No. 10	3 quarts	4 oz.	4
Carrots	No. 10	3 quarts	4 oz.	4
Peas	No. 10	3 quarts	4 oz.	4
Sauerkraut	No. 10	3 quarts	4-5 oz.	5
Spinach	No. 10	3 quarts	4 oz.	4
Sweet Potatoes	No. 10	3 quarts	4 oz.	4
<b>FISH PRODUCTS</b>				
Salmon	1 lb.	2 cups	½ cup	25
Tuna Fish	No. 1	1¾ cups	½ cup	25
<b>JUICES</b>				
	No. 10	3 quarts	6 oz.	6
	No. 3	1½ qts.	6 oz.	12
<b>SOUPS</b>				
	No. 10	12-13 cups	¾ cup	7*
	No. 3	6¼ cups	¾ cup	11*
<b>MEAT PRODUCTS</b>				
Corned Beef Hash	No. 10	12 cups	½ cup	4
Frankfurters	4-lb. can	35	2 (5 oz.)	6
Meat Loaf	6-lb. loaf		5 oz.	5
<b>JAMS AND SPREADS</b>				
Grape Jelly	1 lb.	1½ cups	1½-2 tbsp.	9
Orange Marmalade	No. 10	3 quarts	1½-2 tbsp.	1
Peach Jam	No. 10	3 quarts	1½-2 tbsp.	1
Peanut Butter	2 lbs.	3½ cups	2 tbsp.	2

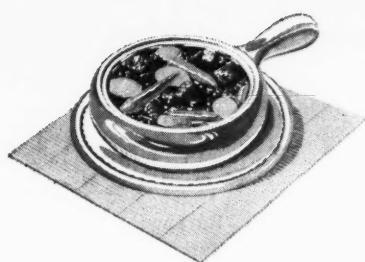
\* Servings for condensed soup should be based on quantity after liquid has been added.  
Number of servings would be twice those stated above.

# Buying MEAT for 100 Servings

Kind of Meat	Cut	Style	Weight of Approximate cooked amount of serving purchase
Beef (a) for Roasting	Round	Rump and shank off	4 ozs. 6 6
	Ground beef	Meat loaf (all meat)	4 6 6
	Ground beef	Meat loaf (cereal filler)	4 6 28 42
Lamb (a) for Roasting	Leg	Bone-in	3 4 4
	Shoulder	Bone-in	3 4 32 42
	Shoulder	Boneless	3 4 30 40
Pork (b) for Roasting	Loin	Bone-in	3 5 5
	Shoulder	Cushion	3 5 41 68
	Fresh ham (leg)	Bone-in	3 5 5 76
Veal (a) for Roasting	Smoked or pickled ham	Bone-in	2 3 37 55
	Leg	Bone-in	3 4 38 50
	Shoulder	Rolled	3 4 31 41
Beef (c) for Braising	Round	Rump and shank off	3 4 41 54
	Round	Swiss steak	4 6 35 52
	Flank	Steak	4 6 35 61
Braising or simmering (d)	Sirloin butts	Boneless	4 6 27 40
	Chuck	Boneless	4 6 41 61
	Plate or short ribs		5 7 42 58
Pork (c) for frying, brais- ing or roasting	Loin	Chops	4 5 40
Frying or broiling	Sausage	Bulk	2 3 50 23 34
	Bacon	Sliced	1 18

- (a) If cooked at above 300° F. amount purchased will have to be increased.
- (b) If cooked at above 350° F. amount purchased will have to be increased.
- (c) If cooked at excessively high temperature, increase amount purchased.
- (d) If cooked at boil rather than simmering, increase amount purchased.

Source: University of Texas, adapted from "Cooking Meat in Quantity", published by National Live Stock and Meat Board.



magic...  
is the  
word  
for



#### *MAGGI'S SEASONING*

Simply add a few dashes to your soups, stews, gravies, vegetables, and meats. Presto! . . . it brings out all the subtle hidden flavors and you have a dish fit for a king.

### **MAGGI's SEASONING and GRANULATED BOUILLON CUBES**



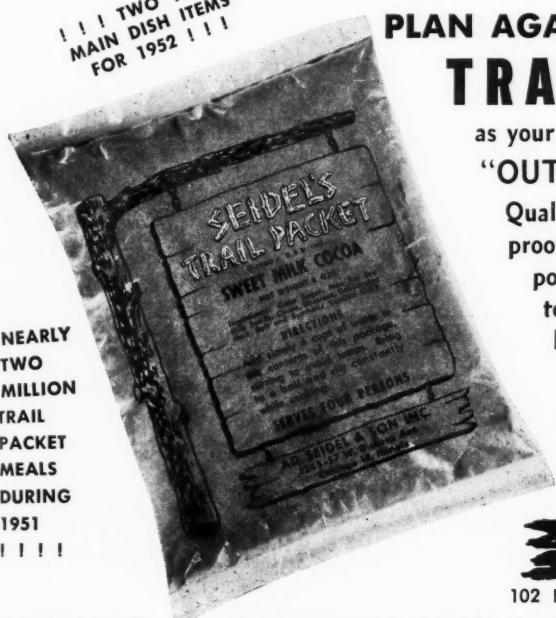
#### *maggi's*

#### *MAGGI'S GRANULATED BOUILLON CUBES*

Try blending a tablespoon or two in your gravies, sauces, vegetables, stews . . . it enriches the natural flavors and you have a dish out of this world. Also makes an excellent meat stock and an instant beverage.

SEND FOR NEW BOOKLET . . .  
*The Nestlé Company, Inc., Colorado Springs, Col.*

!!! TWO NEW  
MAIN DISH ITEMS  
FOR 1952 !!!



NEARLY  
TWO  
MILLION  
TRAIL  
PACKET  
MEALS  
DURING  
1951  
!!!!

### **PLAN AGAIN TO USE -- -- TRAIL PACKETS**

as your "Complete Provisions" for every  
"OUT-DOOR EXPEDITION."

Quality foods in lightweight — waterproof — sturdy — polyethylene — 4 portion packets. Convenient—easy to use . . . OVER 20 MENU FAVORITES FOR EVERY MEAL!

WRITE — TODAY — for your "1952 TRAIL PACKET CIRCULAR" containing full details and introducing—two new main dish items!

Originated and Manufactured  
Exclusively by

**AD. SEIDEL & SON INC.**  
1245 W. DICKENS AVENUE  
CHICAGO 14, ILLINOIS

102 Franklin Street, New York 13, N. Y.

SEIDEL'S reliable "institutional size" Quality Foods always add satisfaction to your Camp Food Service — a COST CHART and price list are available on request.

# Usual Sizes of WHOLESALE PACKAGES

for various camp foods

Vegetables	Unit of Purchase	Weight in Pounds	Fruits	Unit of Purchase	Weight in Pounds
Asparagus	Crate	30	Apples	Bushel	48
Beans, green	Bushel	30	Bananas	Hand	5
Beets	Bushel	52	"	Bunch	45 to 65
Cabbage	1½ bu. hamper	48	Blackberries	Crate	36
"	Sack	50			(24 qt.)
Canned Goods	No. 10 can	6½ Approx.	Raspberries	Crate	36 (24 qt.)
Carrots	Sack or bushel	50	Strawberries	Crate	36
Cauliflower	1½ bushel crate	37			(24 qt.)
Celery	½ crate	65	Cherries	Bushel	64
Corn	Bushel	35	Grapefruit	Calif. box	68
"	Sack (100 ears)	55	"	Fla. or Tex. box	80
Onions	Sack	50 or 100	Grapes	Lug	28
Parsnips	Bushel	50	"	Bushel	48
Peas (unshelled)	Bushel	50	Lemons	Box	79
White Potatoes	Peck	15	Melons		
"	Bushel	60	Canteloupe	Jumbo crate	70
"	Sack	100	Honeydew	Crate	35
Sweet Potatoes	Peck	13¾	Watermelon	Each	25
"	Bushel	55	Oranges	Calif. box	77
Spinach	Bushel	18	"	Fla. box	90
Squash, Summer	Bushel	40	Peaches	Bushel	48
Tomatoes	Lug Box	32	Pears	Bushel	48
"	Bushel	53	Plums	Suitcase Lug	16
Turnips (no tops)	Bushel	54	"	Crate	28
			"	Bushel	56
			Prunes (dried)	Box	25 or 50

## Will You Write Us?

We will be able to include more information of specific and practical value to you, in future issues of the Annual Reference and Buying Guide—if you will write us which charts and tables in this issue you find most useful, which least appropriate, and what new kinds of information you would like included in future issues.

Just address: Editor, Camping Magazine, 705 Park Avenue, Plainfield, N. J. We will greatly appreciate your help.

# EQUIPPING Your Camp KITCHEN

## Number and Sizes of Utensils Needed

Equipment Item and Description	Number needed for 100 Campers	Number needed for 150 Campers
STOCK POTS with covers, 5 to 10 gallon, tall with straight sides and handles, aluminum, semi-heavy.	2 only	3 only
PRESERVING KETTLES, 10 to 16 quart, aluminum	4 only	6 only
DOUBLE BOILERS, 11 quart, heavy duty aluminum 17 quart, heavy duty aluminum	1 only 2 only	2 only 2 only
SAUCE PANS, handled 2 quart, semi-heavy aluminum 4 quart, semi-heavy aluminum	2 only 2 only	2 only 2 only
BAKING PANS, 12 x 18 x 2½ inches, aluminum	8 only	12 only
ROASTING PANS, black sheet iron with 3 straps, 16 x 22 x 3½ inches (to fit range oven)	4 only	6 only
FRYING PAN, 14 inches, black iron	2 only	2 only
MUFFIN PANS, 12 cup, aluminum or good grade of tinned ware	12 only	18 only
PUDDING PANS, round 2 quart, aluminum 4 quart, aluminum	1 only 2 only	2 only 3 only
MIXING BOWL, 9 quart, aluminum	1 only	2 only
SKIMMER, wire, 6 inch diameter	2 only	2 only
ICE PICK	1 only	1 only
BISCUIT CUTTER, 2 inch diameter	2 only	2 only
APPLE PARING MACHINE	1 only	1 only
VEGETABLE BRUSHES	6 only	9 only
CUTTING BOARD, 24 x 18 x 2 inches cured hard maple	1 only	1 only
LADLES FOR SERVING (Aluminum or stainless steel)		
1 cup capacity	2 only	2 only
½ cup capacity	2 only	2 only
¼ cup capacity	2 only	2 only

Almost any dishwasher will help you solve the high-cost-of-labor problem. Most dishwashers are sanitary and serviceable. But . . .



*only a Jackson*  
gives you  
all these plus features!

★ **PROMPT DELIVERY** You don't have to wait months to start saving money with a Jackson! All orders are filled promptly.

★ **FLEXIBILITY** Takes only 2 feet of floor space! No matter how small or crowded your kitchen, it's easy to find room for a Jackson.

★ **FULL CAPACITY** Up to 1200 dishes per hour — washed . . . rinsed . . . sanitized! Yet a Jackson takes less hot water than other machines.

★ **ENDORSED BY USERS** Thousands in daily use! Owners are outspoken in praise of Jackson's performance, dependability and trouble-free service.

IT'S NEW! IT'S FREE!  
Send coupon today for 8-page illustrated booklet. Tells many interesting facts about the time-saving, money-saving Jackson 1-A Dishwasher.

★ **LOWEST PRICE**

No other nationally known spray-type dishwasher is priced so low! No matter how few meals you serve, a Jackson quickly pays for itself.

**JACKSON DISHWASHER CO.**

3703 EAST 93rd ST.  
CLEVELAND 5, OHIO

I want more facts. Please rush booklet, prices and full information.

Name \_\_\_\_\_

Address \_\_\_\_\_

C2

Equipment Item and Description	Number needed for	
	100 Campers	150 Campers
LADLE, 1 quart, with long handle	1 only	1 only
ICE CREAM DIPPERS		
No. 8 (for potato and vegetables)	2 only	2 only
No. 10 (for ice cream)	2 only	2 only
No. 12 (for salads)	2 only	2 only
No. 24 (for sandwich fillings)	2 only	2 only
PITCHERS, aluminum, 4 quart	2 only	2 only
TRAYS, 14 x 18 inches	8 only	12 only
GRADUATED MEASURES:		
Spoons, aluminum or plastic	2 sets	2 sets
Cup, aluminum	2 only	2 only
Quart, aluminum	2 only	2 only
DISH PANS (for mixing) 21 quart, aluminum or heavy tinned ware	2 only	3 only
COLANDER, 15 inch diameter, alu- minum	1 only	1 only
STRAINERS, wire, 8 inch diameter	1 only	2 only
CHINA CUP STRAINER, 10 inch	1 only	1 only
WOOD CHOPPING BOWL, 15 to 16 inch diameter	1 only	1 only
ROLLING PIN, wood, 15 inches long, 3½ inches diameter	1 only	1 only
FOOD CHOPPER, 3 pound capacity	1 only	1 only
ROUND CAKE PANS, good grade tinned ware, 10 inches diameter, 2 inches deep	18 only	27 only
BISCUIT SHEETS, good grade tin- ned ware, (pans with sides) 16 x 22 x 1 inch	4 only	6 only
BUTTER CUTTER	1 only	1 only
HAND REAMER, glass	2 only	2 only
CAN OPENER, stationary	1 only	1 only
HAND GRATER, aluminum, 9 x 4 inches	1 only	1 only
WIRE WHIP		
French, 16 inches long	1 only	1 only
French, 22 inches long	1 only	1 only
KNIVES		
French, chopping, 12 inch blade	2 only	2 only
Carving, hotel slicer, 12 inch blade	1 only	1 only
Paring, 3 inch blade	3-6 only	4-9 only
Spatula, stainless steel, 8 inch blade	2 only	2 only
Chopping knife with double blade	1 only	1 only
Cleaver, 8 inch blade	1 only	1 only

Equipment Item and Description	Number needed for 100 Campers	Number needed for 150 Campers
KNIFE SHARPENER, 12 inch, butcher steel	1 only	1 only
COOK'S FORK, 12 to 18 inches	2 only	2 only
PANCAKE TURNERS, stainless steel, 6 inches x 3 inches	2 only	2 only
SPOONS, large cooking, 14 inches long	6 only	9 only
EGG BEATER, large sturdy, stainless steel	2 only	2 only
GARBAGE CANS, with covers, 6 gallon capacity, heavy duty galvanized (for storing supplies)	6 only	6 only

*Pare Down Peeling Costs with a...*



**UNIVEX**  
stainless steel  
*Vegetable Peeler*

Model F—40 lb. Cap.—\$379.00      F.O.B.  
 Model F—60 lb. Cap.—\$479.00      Factory  
**Ideal for Hotels, Institutions,  
Hospitals, Restaurants, Requir-  
ing Permanent Installations**

With a UniveX Vegetable Peeler you can save 25% of a vegetable — and the most nutritious part too. In just about one minute it peels from 40 to 60 lbs. of carrots, potatoes, etc. Ordinarily, it takes over an hour to peel the same quantity by hand.

UniveX Vegetable Peelers are durably built of non-rusting, stainless steel, can be easily and quickly installed. The vegetables are peeled and washed at the same time. An automatic timer controls the operation and prevents overpeeling . . . heavy, rugged construction assures long life.

**UNIVERSAL INDUSTRIES**  
372 MYSTIC AVENUE—SOMERVILLE 45, MASS.

See your dealer or write to

Equipment Item and Description	Number needed for 100 Campers	Number needed for 150 Campers
GARBAGE CANS, with covers, 26 gallon capacity, heavy duty galvanized	8 only	8 only
CLOCK	1 only	1 only
HAMMER	1 only	1 only
SHEARS, 8 inches long	1 only	1 only
LADDER, store room, 4 feet	1 only	1 only

Source: "Camp Kitchen Management," published by Dept. of Institution Management, New York State College of Home Economics, Cornell University.

The

## BUYING GUIDE

which follows these  
Reference pages . . . .

Lists hundreds of sources of Camp Equipment, Supplies, and Services. Use the Buying Guide every time you plan purchases for your camp. It will save you

TIME  
TROUBLE  
and MONEY

and make possible to you a much better selection of merchandise than would otherwise be possible.

### GENERAL SLICERS and CHOPPERS Quality Products at LOWEST PRICE



#### ELECTRIC MEAT CHOPPERS

#### POWERFUL EFFICIENT DURABLE

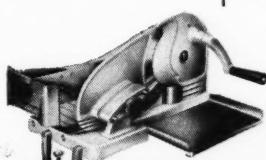
No need to pay hundreds of dollars for a chopper. Today's outstanding value — the General Choppers—are the lowest priced machines in their respective classes. Long-lasting, sturdy, and dependable performance, fully backed by General's Guarantee against defective materials and workmanship.

$\frac{1}{3}$  &  $\frac{1}{2}$  h. p.  
7 to 10 lbs. cap.

$\frac{1}{3}$  h. p.  
5 to 7 lbs. cap.

GENERAL SLICING MACHINES  
Compact in Size  
— Low in Price

Machine slicing at amazingly low cost. Complete line of four efficient functionally designed machines will do an excellent job on both hot and cold meats and all sliceable foods.



(Write  
Dept. 272 for  
catalog of  
complete line)

GENERAL SLICING MACHINE CO., Inc.  
Walden, New York

# **Plan for HEALTH and SAFETY**

## **Pre-Camp Examination**

1. Scope and Time
  - a. Both campers and staff included.
  - b. One or two weeks prior to departure for camp.
2. Purpose
  - a. Determine camper's physical fitness for camp.
  - b. Protection for camper, family and camp.
3. Includes
  - a. Routine physical examination by M. D.
  - b. History of contagious diseases camper has had or been exposed to recently.
  - c. History of any disease such as rheumatic fever, nephritis, epilepsy and enuresis.
  - d. Specific information as to any foods camper actually is allergic to or serum allergy.
  - e. Specific information as to any medication camper routinely takes, or any desensitization shots for hay fever, etc.
  - f. Immunizations
    - Tetanus, should be a must
    - Typhoid, very important
    - Small pox, diphtheria, also whooping cough.

## **Personnel**

1. Physician
  - a. Live at camp or in close proximity.
  - b. Licensed in state in which camp is located.
  - c. Should have some pediatric training or experience.
2. Nurse
  - a. Essential if there is not a resident M. D.
  - b. Registered in state in which camp is located.

- c. Experienced in school work and/or Public Health work.

3. Dietitian
  - a. Resident institutional dietitian or a consulting dietitian.

## **Equipment**

1. Camp Infirmary
  - a. Tent, building or isolated room used exclusively for this purpose.
  - b. Privacy and quiet.
  - c. Isolation unit for campers who have or are suspected of having communicable disease.
2. Medicine and Supplies
  - a. As deemed necessary by doctor.
  - b. First Aid equipment and supplies available to all competent to use.
  - c. Other medication used only by camp nurse or doctor.
3. Transportation
  - a. Specific vehicle available at all times in camp for emergency use.
  - b. Location of nearest hospital and best route known by all staff personnel, and arrangements for emergency care made with hospital prior to camp opening.
4. Records
  - a. Application form should include signed authority by parents giving camp doctor permission to use his discretion in care of a camper during an emergency pending:
    1. Arrival of a physician designated by the parents.
    2. Removal of the camper to a hospital specified by the parents.
  - b. All medical and surgical treatments recorded and signed by the doctor or nurse. Records filed.

## **Camp Program Related to Health of Campers**

1. Physical

- a. Avoid undue fatigue and overstrain.
  - b. Rest period of at least one hour following noon meal.
  - c. Competition involving muscular co-ordination between teams or individuals carefully graded on ability and not chronological age.
  - d. Tempo of camp program adjusted to entire group.
2. Mental
- a. Each camper accepted by other campers in his group or team for feeling of security and happiness.
3. Personal Hygiene
- a. Observe usual standards of bathing, brushing teeth, and washing hands prior to meals.

### **Safety—Supervision and Instruction**

Use of all sports equipment and tools during free periods.

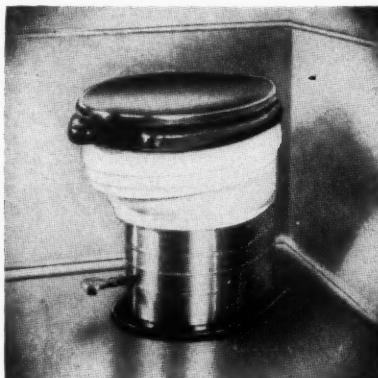
### **Swimming and Waterfront Activities**

1. Supervised by person holding American Red Cross Instructor's Certificate
- a. Junior or Senior Life Saver for each 10 persons in swimming at any one time.
2. Boats or canoes of any sort used only on permission from counselor in charge. (Applies to all campers, staff and visitors.)
3. Standard Life Saving Equipment for all boats, docks and pools.

### **Fire Protection**

1. At Camp
  - a. Water pressure system, hoses and connections inspected.
  - b. Extinguishers inspected.
  - c. Fireplaces and chimneys inspected.
  - d. Electric equipment and wiring inspected. Campers not allowed to make changes.
  - e. Prior arrangements with nearest fire fighting unit for assistance in an emergency.
2. National Forests

### **SAFEWAY TOILETS**



*One Quart Flush Toilet*

#### **FLUSH TOILETS ELIMINATE**

- ODORS
- RATS
- DISEASE GERMS
- POISON CHEMICALS

SAFEWAY TOILETS FLUSH ON PRESSURE OR GRAVITY  
REQUIRE SMALL DRAINAGE FIELDS  
ARE SIMPLE TO INSTALL  
SAVE WATER

It's less expensive than you think to have the advantages of modern sanitation. Whether your problem is water shortage, limited drainage field, hard soil conditions or winter freezing, SAFEWAY SANITATION can solve your sewage disposal problem.

### **SAFEWAY SANITATION** **Specialists in Camp Sanitation**

—Mail This Coupon Today to—

**SAFEWAY SANITATION**  
75 Argyle Road, Eggersville 21, N. Y.

Please send descriptive literature to:

Name .....

Address .....

City .....

Zone..... State.....

Camp .....

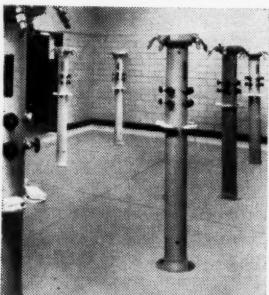
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## MORE and MORE CAMPS

ARE  
INSTALLING  
BRADLEY'S



- The Maximum in Sanitary Washing Fixtures
- PARENTS APPROVED
- Reduces Chance For Spread of Infections
- CONSERVES WATER
- One 54" Washfountain Serves 8 to 10 Simultaneously



Bradley Showers can be furnished with column only or with 3 or 5 stalls

- INEXPENSIVE TO INSTALL On Any Kind of Floor Including Wood—ONLY THREE CONNECTIONS
- AVAILABLE IN CIRCULAR and SEMI-CIRCULAR MODELS—Juvenile or Standard Heights

**BRADLEY WASHFOUNTAIN CO.**  
2389 W. Michigan Street  
Milwaukee 1, Wisconsin

SEND TODAY  
FOR FREE  
CATALOG  
4701.



**BRADLEY**  
*washfountains*

Distributed Through Plumbing Wholesalers

- a. Observe all Forest Service regulations for campfires, operating incinerators, etc.

### Hazards

1. Buildings, equipment kept in repair.
2. Loose stones, logs, etc., removed from playground area and trails.
2. Open pits marked or filled.
4. Ground lighted at night along paths to toilets and dock area.
5. Campers and staff taught to recognize and avoid poisonous plants, animals and insects.

### Accident Reports

1. Standard form adopted; data filled in by camp doctor or nurse, counselor in direct charge of the camper at time accident occurred and comment, if any, by camper involved.
2. Analyzed periodically to prevent similar accidents.

Source: Frank S. Wissmath, M. D., based on camp standards of ACA.

### Use

### The Camp Director's Checklist

which begins on page 13.

It provides a convenient and practical month-by-month guide to successful camp operation . . .

As well as space to note "things to do" of which you wish to be reminded at any time during the next year.

Now is a good time to  
**CHECK THE CHECK LIST**  
**ON PAGE 13**

# Desirable Practices in SANITATION

## Water

### 1. Drinking Water

- a. Certified safe by local Public Health Department.
- b. Sub-surface sources developed if possible.
- c. Surface water requires proper treatment.
- d. Drinking fountains and approved sanitary water system best, individual drinking cups o.k., common drinking cup strictly prohibited.

### 2. Swimming Water

- a. Samples submitted to local Public Health Dept. for bacteriological tests.
- b. Beaches free of refuse and debris or contamination by garbage or sewage.

### 3. Auxiliary Water

- a. Unsafe at any place where it may enter the mouth:  
Washing in the kitchen, shower heads or lavatory taps.
- b. Use only for: Flush toilets, urinals, laundry machines, heating systems.
- c. Dual water systems are not to be recommended.

## Food

### 1. Storage

- a. Perishables.

Temperature not higher than 50° F. for milk, butter and vegetables.  
Temperature not higher than 34° F. for meat, etc. Artificial ice recommended if electric refrigeration not available.

# CHLORINATION by W & T

## *Stops this kind of shut-down*

Chlorination of your camp water supply is not only "good health"—it's good business, too. Costly shut-downs by health authorities for typhoid, dysentery, and other water-borne disease just can't happen with Wallace & Tiernan Hypochlorinators on the job.

These rugged machines have many characteristics designed especially for camp operation. Here are some of their main features:

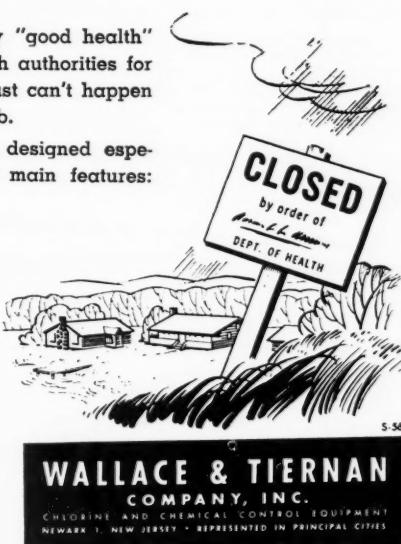
**Easy operation**—Switch on the power and the Hypochlorinator starts operating.

**Compact**—The Hypochlorinator and solution crock need only four square feet of floor space.

**Approved**—Chlorination is recognized and approved by health authorities across the country as a safe, sure means of sterilization.

**Dependable**—You can count on Wallace & Tiernan Hypochlorinators because they are the product of 36 years experience in all phases of water purification and are backed by a nationwide service organization.

See your nearest W & T Representative now to learn how your camp can obtain these and other advantages from chlorination.



**WALLACE & TIERNAN  
COMPANY, INC.**

CHLORINE AND CHEMICAL CONTROL EQUIPMENT

NEWARK 1, NEW JERSEY • REPRESENTED IN PRINCIPAL CITIES

## Good Sanitation is Basic

*. . . to successful camp operation*

You'll find hundreds of worthwhile tips on all phases of your operation in the reference pages of this issue.

### b. Non-Perishables.

Protect against contamination by rodents and insects and keep dry. Free circulation of air.

### 2. Preparation

#### a. Food handlers.

Certificate of examination attesting freedom from tuberculosis, typhoid, syphilis and amoebic dysentery. Weekly inspection as to general health.

#### b. Utensils and dishes—clean.

#### c. Meat and Dairy Products.

Gov't inspected or from gov't inspected animals.

### 3. Serving—attractive and clean.

### Garbage Disposal

Water-tight covered containers, washed after each emptying. Entire container removed to place of disposal, emptied, cleaned and returned. Emptied every second day or oftener. Incinerated, buried in a pit or fed to pigs.

### Rubbish and Refuse Disposal

Combustible wastes burned. Non-com-

bustibles buried, tin cans flattened and glass containers broken, to prevent mosquito breeding.

### Toilets and Sewage

One or more, conveniently located to all parts of camp, constructed so that waste is not accessible to flies and does not pollute surface soil or contaminate water supplies or any adjacent surface water.

### Domestic Animals

Not permanently quartered within 500 feet of any kitchen, dining hall or living quarters. Temporary corrals or picket lines not within 200 feet of above.

### Insect and Rodent Control

Screening, trapping and swatting.

### Sleeping and Living Quarters

Adequate windows, adjustable for ventilation, properly screened.

### Laundry

Adequate facilities at camp, or sent out. Source: Frank S. Wissmath, M.D., based on Camp Standards of ACA.

## A LIFETIME OF BEAUTY FOR WOOD

WOOD PRESERVATIVE AND FINISH THAT WILL KEEP

CABINS  
PANELLED WALLS  
and FLOORS

LOOKING LIKE NEW

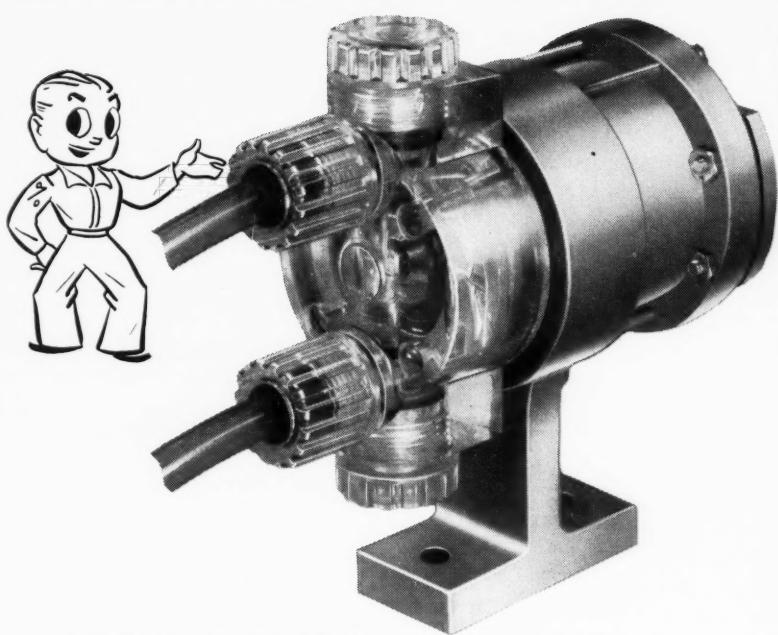
Write to us on camp letterhead for free samples, prices and literature

PHILLIP J. HARVEY INC.

430 E. Woodbridge Detroit 26, Michigan



# **NEW, LOW COST CHLORINATOR for Camp Water Supplies**



Camp directors please note: %Proportioneers% Chlor-O-Mite is built for you! It brings you positive, accurate hypochlorination of your camp water supply at a new low cost. This low capacity chemical feeder is simplicity itself . . . complete in every detail . . . ready to do an efficient water sterilization job without any additional accessories or controls. It's powered either electrically or hydraulically by an extremely simple, durable mechanism. Suction, discharge, and power connections are easy to make . . .

camp personnel can handle the complete hook-up.

Chlor-O-Mite incorporates the world famous "See-Thru" Reagent Head used on %Proportioneers% Chemical Feeders, both in industrial and water works applications. This plastic head shows you at a glance how the feeder is operating.

For detailed information and Bulletin 1910, address %Proportioneers, Inc., 441 Harris Avenue, Providence 1, Rhode Island.

**% PROPORTIONEERS, INC. %**



Representatives in principal cities of the United States, Canada, Mexico, and foreign countries

# Recommended INFIRMARY SUPPLIES

Item	Size or Type	Quantity (for 20 campers)
Adhesive Compresses	1 inch	1 large package
Gauze Pads	4 x 4 inches	1 package
Triangular Muslin Bandage	40 inch	8 or more
Absorbent Gauze Compresses	½ yard	Several packets
Tourniquet		2
Adhesive Tape	2 inch	1 roll
Antiseptic		1 ounce
Boric Acid	powder or crystal	1 ounce
Aspirin		1 bottle
Aromatic Spirits of Amonia		1 ounce
Burn Ointment	1 ounce tubes	Several
Laxative		1 package or bottle
Rubbing Alcohol		1 bottle
Baking Soda		1 package
Absorbent Cotton		½ pound
Applicators		1 box
Tongue Depressors		5 dozen
Fracture Splints	Arm, leg, thigh	2 sets of each
Stretcher Poles		2 pairs

Tweezers, Clinical Thermometers, Paper Drinking Cups, Bar of Soap, Flashlight

## Recommended Camp Facilities

Item	Number Required
Showers	1 to every 8 campers
Toilets	1 to every 10 campers, no farther than 150' from any living unit.
Infirmary beds	1 to every 16 campers
Water supply	50 gallons per day per person where flush toilets are used, 30 gallons per day per person where pit privies are used, plus a full day's supply in storage at all times.
Swimming pools	27 sq. ft. of surface per swimmer
Kitchen storage, etc.	1/3 to 1/2 size of dining room
Size of campsite	1 acre per camper. (This area may vary considerably depending on location. Camps adjoining large public area, such as state or national forests, will not require as much acreage as those in agricultural areas or near cities. Possible growth of suburban communities and future expansion of camp should also be considered when determining size of campsite.)

# FIRE SAFETY Check List

Score your camp's fire safety. Check your own practice against each of the questions below. Each "No" points to a serious fire hazard. Do something about these hazards—now! Use the check list frequently during the season.

## HOUSEKEEPING

1. Have you removed all flammable rubbish and leaves from around buildings and tents? .....
2. Are grass, brush and small trees cut or thinned out around camp buildings?
3. Is fire-fighting equipment within easy reach when trash, leaves, etc. are burned out-of-doors? .....
4. Do you keep your storerooms and garages free from rubbish, old rags, papers, etc.? .....
5. Do you keep oil mops or paint rags in closed metal containers to guard against spontaneous ignition? .....
6. Are stoves always kept free of grease? Do you have baking soda or salt handy in case of grease fires? .....
7. Do you hang towels on special racks, never drying them on or near stoves? ..
8. Do you collect ashes in covered hole-free metal containers and dispose of them when properly cooled? .....
9. Do you keep matches in metal containers away from heat? .....
10. Do you use only safety matches in camp? .....
11. Do you have spark-screens over all chimneys? .....
12. Are all fireplaces equipped with effective firescreens? .....

## FLAMMABLE LIQUIDS

13. Do you start fires with paper and/or kindling only, never with flammable liquids? .....
14. Are kerosene or gasoline lanterns

hung up or put on tables or shelves and never on the floor? .....

15. Are supplies or fuel oil stored away from buildings, preferably in underground tanks? .....

16. Are oils (kerosene and gasoline) handled only in the daylight and where spillage cannot be ignited? .....

17. Are gasoline stoves and kerosene stoves and heaters of types listed by Underwriters' Laboratories, Inc.? .....

18. Are your lamps sufficiently heavy-based to prevent tipping? .....

## CONSTRUCTION

19. Are the roofs of your buildings non-combustible? .....
20. Are roofs, gutters, eaves of buildings free of needles and leaves? .....
21. Are all stovepipes, chimneys and hoods above kitchen stoves cleaned and repaired before camp opens? .....
22. Are floors directly under stoves and heaters protected by galvanized iron, concrete or brickwork? .....
23. Have you eliminated all stovepipes which pass through closets or store-rooms? .....
24. Are walls, rafters, ceilings and partitions protected from over-heating of stoves and pipes? .....

## ELECTRICITY

25. Are electric irons and all electrical appliances used for cooking, equipped with metal stands and heat controls? ..

26. Do you use only those electric appliances, fuses, extension cords bearing the label of Underwriters' Laboratories, Inc.? .....
27. Are all electric extension cords in the open—none placed under rugs or over hooks? .....
28. Do you allow only qualified electricians to install your wiring, make all wire splices? .....
29. Do you use Standard fuses of proper capacity, never substituting others? .....
30. Do you always use safety film for movies, never nitrocellulose film unless the camp has a standard projection booth? .....
41. Do you have approved fire extinguishers in every main building? Are they kept in good working order? Do your personnel know how to use them? .....
42. Do you have fire escapes on buildings of more than one story? .....
43. Do you have an easily distinguished fire alarm? .....
44. Do you have a fire brigade in camp? .....
45. Do you have ladders that will reach to the roof of your buildings? ...
46. Is there any organized fire protection in your community? .....
47. Do you know where or how to call for this protection service? .....

## SMOKING

31. Do you maintain restricted places for smoking — no matter WHO is smoking? .....
32. Does the camp insist that all cigarettes and cigar butts be carefully extinguished before they are disposed of? ...
33. Do you insist that matches be broken in two before they're thrown away? .....

## FIRE FIGHTING

34. Do you have simple fire-fighting equipment, such as brooms, rakes, pails of water, pails of sand, shovels? .....
35. If you have a fire hose, canvas or rubber, do you test it before camp opens? .....
36. Is equipment kept in designated places and in good condition? .....
37. Do you have more than one exit from all rooms in main buildings? ....
38. Do you have a camp check before retiring to see if all fires and lights are out or suitably protected? .....
39. Do you have regular fire drills for all campers and staff? .....
40. Do you have a place where pumpers can take water? .....

## CAMP FIRES

48. Do you build outdoor fires only in safe places, on sand or other mineral soil, or on rocks and not near trees? .....
49. Do you clear away all flammable material from around your outdoor fire, including incinerator, for at least six feet and never leave your fire unattended? ..
50. After putting out an outdoor fire do you stay until ashes are cool enough to test with your bare hands? .....

Source: The National Board of Fire  
Underwriters

---

## FIRE-FIGHTING BROOMS AID SAFETY

As an emergency tool to prevent spread of grass and brush fires, fire-fighting brooms located in strategic positions make it possible to attack small fires quickly.

Special fibers, colored fire-department red, make brooms easily identifiable. Manufacturers suggest hanging one fire-fighting broom outside each camp cabin, placing additional brooms on trees and in other locations, where they can be had at a moment's notice to fight fire anywhere on camp property.

---

# FIRE EXTINGUISHER Facts

## Types of Fires

Class A—On fires in ordinary materials (paper, wood, cloth, excelsior, etc.) cooling is more effective than smothering.

Class B—On fires in burning liquids (oils, paints, varnishes, grease, etc.) the smothering method should be used.

Class C—On fires in live electrical equipment, such as a motor, switchboard, etc., water should not be used, as it may cause a shock to the operator and may damage the equipment.

Type of Extinguisher	Extinguish-ing Effect	Use on Fires of			How to operate	Length of Discharge	Recharge	Protection from freezing
		Class A	Class B	Class C				

### PLAIN WATER:

Pump tank	Cooling	Yes	No	No	Pump by hand	30—40 ft.	After use	Approved anti-freeze chemicals may be added to the water
Gas cartridge	Cooling	Yes	No	No	Turn over, bump on ground	30—40 ft.	After use	

### WATER AND CHEMICALS:

Soda-acid	Cooling	Yes	No	No	Turn over	30—40 ft.	Annually	Keep in heated cabinet if building is unheated.
Foam	Cooling smothering	Yes	Yes	No	Turn over	30—40 ft.	Annually	Never add anti-freeze chemicals.
Loaded stream	Cooling & "oxidation inhibiting"	Yes	Yes	No	Turn over, bump on ground	30—40 ft.	After use	None required to—40° F.

### CHEMICAL:

Vaporizing liquid	Smothering	Only	Yes	Yes	Pump by hand	20—30 ft.	After use	None required to—50° F.
Carbon dioxide	Smothering	Surface Fires	Yes	Yes	Open valve at top	3—6 ft.	After use	None required
Dry Compound	Smothering		Yes	Yes	Open valve at top	8—12 ft.	After use	None required

Source: National Fire Protection Association



**"RANGER"  
FLAME-  
PROOFED  
FIRE FIGHTING  
B R O O M**

THIS IS THE EMERGENCY TOOL  
YOU SEE DESCRIBED ON PAGE 64

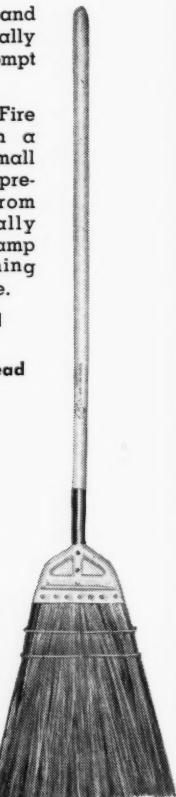
Serious Forest Fires and grass fires can usually be prevented by prompt action.

One of these rugged Fire Fighting Brooms in a handy spot will nip small fires in the bud, and prevent large fires from spreading. Especially valuable in open camp sites, where running water is not available.

- ★ Tough Fire Proofed Fibres
- ★ Rustproof Metal Head
- ★ 4" Metal Collar Reinforcement
- ★ 60" Overall
- ★ Guaranteed

These Fire Fighting Brooms meet all U.S. Forestry and City Fire Department Specifications and are now carried on many Fire Trucks as standard equipment throughout the Country.

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Tent & Cabin Brooms  
Kitchen Brooms  
Tennis Court Brooms  
Push Brooms



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— — Agents Wanted — —

## Where to Place Fire Extinguishers

An adequate number of fire extinguishers does not necessarily mean adequate protection. Extinguishers not only must be the correct type for the hazards they guard, but must also be properly placed in accordance with conditions.

The following rules are for the placement of extinguishers:

1. Locate close to likely fire hazards.
2. Place so that fire will not block access to them.
3. Locate enough units to deal with severity of the blaze which might be expected, rapidity with which it might spread, intensity of heat, etc.
4. Locate conspicuously so that everyone will be familiar with locations.
5. Identify each unit for type of fire it is designed to combat.
6. Protect from traffic. Don't put extinguishers unprotected where they might be damaged or knocked out of place.
7. Instruct the camp fire brigade on the location of all units and acquaint them with the operation of each type of extinguisher. But don't rely wholly on first-aid equipment. Attack the fire as quickly as possible, but always summon the fire department, if one is available, as well.

# INSECT AND PEST Control

## HOUSE FLIES

### WHERE FOUND

Kitchens and  
Dining rooms

### METHODS OF CONTROL

1. Good sanitation to prevent breeding.
2. Adult insects can be killed by fly spray (Grade AA recommended), aerosol bomb or fog aerosol.
3. Coarse, wet spray of 5% DDT solution where residual deposit is not objectionable, applied to kitchens, food-storage rooms, dishwashing rooms, pantries, dining rooms, rafters, hanging lights, ceilings, projecting room corners, shelves, inside and outside of cupboards, floor cabinets, underside and legs of all tables, workbenches, meat-blocks and sinks, around door trim and windows, screening and stands upon which disposal cans are kept.
4. Fog aerosol treatment for indoor work is usually incidental to treatment for other domestic insects. The general formulation consists of 10% DDT, 5% Chlordane and 2% of 20 to 1 strength pyrethrum solution. It is applied in a very dry fog at the rate of not more than one gallon to 50,000 cubic feet of interior. Surfaces coming in contact with food are covered before fogging. (This general fogging formulation can also be used to combat cockroaches, silverfish, bedbugs, fleas, ants, sandflies, gnats and blackflies.)

## MOSQUITOES

### Indoors Outdoors

1. Eliminate breeding grounds by draining swampy land or spray breeding grounds every ten days with DDT oil solution or dust with 1% DDT powder.
2. Apply 5% DDT petroleum base spray carefully to surfaces of buildings, rock walls and shelters where they may alight. From 1 to 2½% DDT wettable powder, dissolved in water can be sprayed on tree trunks, bushes and vegetation close to camp.

Fog applications utilize 5% DDT in solutions, emulsions or suspensions, at as low as 1/50th pound per acre.

(Continued on page 68)

## COCKROACHES

### WHERE FOUND

Kitchens and  
Dining rooms

### METHODS OF CONTROL

Apply 5% DDT petroleum spray on undersides of sinks, shelves, along baseboards and walls.

10% DDT dust can be blown into harboring places with dust guns. Treat again if necessary.

## SILVERFISH

### Bedrooms

Same methods as above.

## BEDBUGS

### Bedrooms

5% DDT petroleum spray applied to unused beds, mattresses, baseboards and similar places of harborage.

## FLEAS

### Indoors

Dust with 10% DDT dust, especially sleeping quarters of pets. Sprinkle floor lightly and sweep powder back and forth to distribute into floor cracks.

## ANTS

### Kitchens and Dining rooms

Treat the points of entrance from outside with 5% DDT spray.

## SANDFLIES, GNATS, BLACKFLIES

### Indoors

Spray screening with of 5% DDT solution in heavy petroleum base.

### Outdoors

Same treatment as for mosquitoes.

## Avoid Insect Bites!



*Order*

**TICKS  
OFF**

**INSECT REPELLENT BOMB**

Just mist on shoes and outer clothing to avoid picking up Ticks, Chiggers. Helps prevent irritation and illness caused by these insects.

WHOLESALE PRICE  
TO CAMPERS

12 Ounce Bomb

\$13.32 Doz. plus Postage

Retail Price \$1.85 Ea.

Order Direct

WHITMIRE RESEARCH LABS., INC., 339 S. Vandeventer, St. Louis 10, Mo.

# Basic CRAFT PRINCIPLES

In the administration of a camp crafts program many factors need consideration. The principles set forth in this article are based on a survey of 128 camps, located in 17 Eastern states. Of the total, 65 were agency camps and 63 private camps. Individual items are likely to be of varying degrees of importance as between one camp and another, but those appearing nearest the top of the list are the principles on which the camps surveyed were most nearly in unanimous agreement.

## Principles Rated Essential

1. Safety procedures should be stressed for each craft project.
2. The head crafts counselor should be specially trained in crafts.
3. Senior campers (ages 14 and up) should be permitted to select their own projects.

## Principles Rated Desirable

4. Intermediate campers (ages 10 through 13) should be permitted to select their own projects.
5. Native crafts materials should be used in the crafts program.
6. Craft facilities should be available to campers during "free periods."
7. Crafts periods should be scheduled by camper age groups.
8. The head crafts counselor should be of the same sex as that of the campers.
9. Junior campers (ages 6 through 9) should be permitted to select their own projects.
10. Crafts materials for the entire season should be purchased before camp opens.
11. Power tools should be provided for use of senior campers.

## Principles Rated Useful

12. Campers should be permitted to attend crafts only with their own age group.
13. Power tools should be provided for use of crafts counselors.

14. Awards should be given for satisfactory work in crafts.

15. Use of commercial craft kits has a place in camp.

16. Camps should provide a reasonable amount of craft materials to campers at no direct cost.

17. Power tools should be provided for use of intermediate campers.

## Principles Rated Unnecessary

18. Power tools should be provided for use of junior campers.

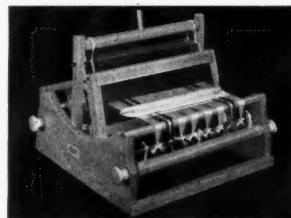
Source: Eugene F. Garbee, abstracted from a Doctoral Dissertation.

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THE CRAFT OF HAND WEAVING.

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ZONE STATE \_\_\_\_\_

# Basic CRAFT-SHOP TOOLS

## Wood

Arkansas carving tool slips, set of four shapes  
Back saw, 12 points, 14 inch  
Bench hook  
Bevel gauge  
Block plane, 6 inch  
Brace and auger bits, set of 7 or 13 bits  
Brushes,  $\frac{1}{2}$  inch to 2 inches  
"C" clamps, 3, 4 and 6 inch  
Carpenters steel square  
Carving tools  
Chisels, socket type,  $\frac{1}{4}$ ,  $\frac{1}{2}$  and 1 inch; gouge and butt  
Claw hammers, 6 and 10 ounce  
Compasses, 6 inch  
Coping saw, pin-end-blade type, 6 inch; blades for same  
Cross-cut saws, 8 point, 20 inch; 10 point, 20 inch  
Extension knife, assorted blades  
Gouge, slip, oil stone  
Hand drill, set of 36 or 60 twist drills  
Hand scraper  
Nail set, one set of five  
Oil stone, combination Carborundum, 8 inch  
Paper for patterns  
Pencils, assorted.  
Pin vise  
Pliers, gas  
Pliers, side cutters, 6 inch  
Rip saw, 7 points, 24 inch  
Screw drivers, 4, 6 and 8 inch  
Smoothing plane, 8 inch  
Spoke shave  
Try square, 8 inch, steel  
Wood files, assorted cross sections (shapes) and coarseness  
Wood rule, 6 foot, folding  
Wood rule, 12 inch

## Leather

Background stamps, steel and brass, assorted  
Background stippler  
Ball end modeler  
Brushes, No. 0, No. 00  
Carpenters steel square (framing square)  
Combination modeler-tracer tool  
Deerfoot modeler  
Draw gauge or splitting knife  
Edge beveler  
Extension knife, assorted blades  
Eyelet setter, fid or awl  
Hollow drive punches, one set of six, sizes 0 to 5  
Leather lacing needles (bamboo, steel, foil tip)  
Mallet, hickory, dogwood, or maple  
Maple cutting board  
Metal straight edge  
Oil stone, combination Carborundum, eight inch  
Pencils, assorted for tracing and sketching  
Plate glass or marble slab  
Plate shears, straight blades, eight inch  
Push beveler  
Scissors, blunt nose, eight inch  
Skiving knife  
Snap button fastener set (anvil, hammer, and bodkins)  
Spacing wheels, five and six spaces per inch  
Spring punch, revolving head, six tube  
Swivel knife, tracing tool  
Transfer medium, e.g., paper  
Thonging chisels, sizes 1 and 4  
Wooden rule, 12 inch

## Metal Craft

Art metal forming stakes, assorted  
Ball pein hammer, 6 and 10 ounce

Brushes, assorted sizes, sable 1 to 5,  
     camels hair 1 to 4  
 "C" clamps, assorted sizes, 2, 4 and  
     6 inch  
 Center punch, chasing hammer  
 Chasing tools, assorted  
 Cold chisels,  $\frac{1}{2}$  inch, 1 inch  
 Combination modeler-tracer (leather  
     tool)  
 Files, assorted cross sections (shapes)  
     and coarseness, 6, 8 and 10 inch  
 Hack saw, adjustable  
 Hand buffs  
 Hand drill and 36 or 60 assorted twist  
     drills  
 Jewelers files, one set of 12, assorted,  
     6 inch  
 Jewelers saws, 2 $\frac{1}{2}$ , 5 and 8 inch; blades  
     for same  
 Leather tipped wooden mallet  
 Maple forming blocks, assorted  
 Maple mallet, 2 inch face  
 Metal plate molds, 3, 4, 5 and 6 inch  
 Metal stamps, assorted  
 Metal straight edge, pin vise  
 Planishing hammers, assorted sizes  
 Pliers, flat nose; pliers, gas  
 Pliers, round nose  
 Pliers, side cutters, 6 inch  
 Rawhide mallet, 2 inch face  
 Scratch awl  
 Shears, 12 inch, straight blades  
 Try square, 8 inch, steel  
 Wooden rule, 12 inch

### **Clay Craft**

Brushes, assorted sizes  
 Knife, kitchen mallet  
 Modeling tools—various shapes  
 Pliers, gas  
 Pliers, side cutters, 6 inch  
 Rolling pin  
 Sandpaper, No. 1 to 5  
 Shears, 12 inch  
 Scraper, sponge  
 Templates wooden calipers

Source: Eugene E. Garbee, abstracted  
from a Doctoral Dissertation.

### **"Everything for Leathercraft"**



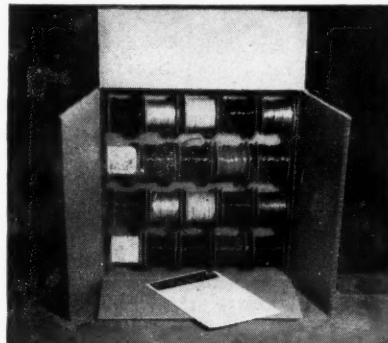
16 pages packed with pictures and listings of Cut-Out Projects, Pre-Punched Projects, Tools, Accessories, Fine Leathers of all Kinds . . . Hundreds of Items for Leathercrafters and Leathercraft Instructors.

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Each Cabinet contains twelve 100-yd. spools, our standard color assortment, or you may specify colors.

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**CRAFT SERVICE**  
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Rochester 7, N.Y.

# **Graded List of CRAFT PROJECTS**

A GRADED AND CLASSIFIED LIST OF CRAFT PROJECTS AND MATERIALS  
REQUIRED FOR THE SHOP, PREPARED BY MARION TROWBRIDGE.

Every well-equipped craft shop should contain: scissors, pencils, erasers, rulers, compasses, pins, thumb tacks, hammer, nails, glue, paste, tracing paper, newsprint, steel wool, sandpaper, carbon paper, razor blades, brushes (variety of kinds), shellac, rags, alcohol, turpentine, needles and thread.

Types of Project and Age Groups	Items Which Can Be Made	Materials, Tools and Equipment Needed
Basketry 9-15 and over	Baskets, trays, hot mats, waste baskets, holders for tumblers, sandals	Plant fibers - round, flat or flexible - purchased or ga- thered at campsite - vines, willow, reeds, grasses, fib- ers, ash, corn husk Tub for soaking fibers, heavy scissors, awl, pliers, tape measure, sharp knife, tap- stry needles
Batik 12-15 and over	Scarfs, handkerchiefs, wall hangings, place mats, cur- tains	Wax ( $1\frac{1}{2}$ paraffin, $\frac{1}{2}$ bees- wax), dye, gasoline Frames for stretching cloth, heat for keeping wax hot, brushes, tjantings
Blockprinting Linoleum 12-15 and over	Stationery, book-plates, wall hangings, handkerchiefs, place mats, greeting cards, labels, stickers, luncheon sets, napkins	Battleship linoleum, printers' inks Linoleum tools, (V-shaped veiners, U-shaped gouges), brayer, glass, pallet knife
Potato print 6-11	Stationery, scarfs, handker- chiefs	Raw potatoes, tempera paint Knife or razor blade
Carving, Soap 9-15 and over	Figures, animals, (round or relief)	Large bar soap Knife
Carving, Plaster 12-15 and over	Figures, animals, plaques	Plaster of Paris, cardboard box (size of desired ob- ject) Bowl to mix plaster, stick or spoon, knife

Type of Project and Age Groups	Items Which Can Be Made	Materials, Tools and Equipment Needed
Carving, Wood 12-15 and over	Totem poles, figures, animals, plaques, tiles	Soft pine or basswood Saw, gouges (set of wood tools), rasp knife
Carving, Chip 12-15 and over	Boxes, trays, plates, clogs, book-ends, picture frames, tiles	Soft pine or basswood (or battleship linoleum) stain raw umber, oil paint and turpentine) varnish or shellac, wax Razor blade, brush, rags
Clay (unfired) 6-15 and over	Figures, animals, bowls, masks	Moist or dry clay (preferably self-hardening or add dextrin) oilcloth squares (18"), rags, tempera paint, shellac, enamel Plaster bats, clay tools (or meat skewers, orange sticks, etc.) brushes, clay container (metal garbage can or heavy earthen crock with cover) wire, rolling pin
Clay (fired) 12-15 and over	Figures, animals, bowls, boxes, dishes, tiles	Pottery clay, glazes, oilcloth, rags See unfired clay, plus kiln, potters' wheel
Cork 6-15	Scrapbooks, tiles, belt squares, place mats and coasters; decorate (apply to) wooden trays, book ends, boxes, waste baskets, desk sets	1/16", 1/8", 1/4", cork, water color paints, shellac, glue Scissors, brushes
Felt 9-14	Fireplace mittens, purses, moccasins, hair bands, flowers, beanies, pennants, belts; applique on wood, cork or cloth; eye glass cases, animals, dolls	Various color felt, yarn, thread, beads Pinking shears, needles

Type of Project and Age Groups	Items Which Can Be Made	Materials, Tools and Equipment Needed
Gesso 12-15 and over	Apply on wooden surfaces: boxes, book-ends, picture frames, bowls, scrap books, plaques, desk sets, trays	Gesso (prepared or home- made) enamel or oil paint, varnish, wax paper Brushes
Glass etching 12-15 and over	Tumblers, ash trays, paper weights, dishes, desk iden- tifications, tiles	Etching compound, masking tape, black asphaltum, rags Razor blade, brushes, tooth picks, cotton
Horn 12-15 and over	Beads, buttons, rings, ear rings	Deer horns, cow horns, elk horns, leather thonging Saw, drill, knife
Knotting (or braiding) Gimp 6-14	Lanyards, bracelets, belts	Colored gimp (flat and round,) fastenings
Yarn, strings and raffia, etc. 11-15 and over	Belts, bookmarks, napkin rings, bracelets, purses, mesh scarfs	Yarn, colored twine, strings, raffia, thread

## LOOK INTO THESE 2 EASY AND ENTERTAINING CRAFTS



**REED:**-- Prime quality Reed only. All Reed comes in handy 72 inch lengths. Prices are as follows:—No. 2 REED for weaving (1 lb. bundles, 175 strands) \$1.75 . . . No. 4½ REED for uprights (½ lb. bundles, 45 strands) \$.85 . . . ROUND BASES (5 inch diam., prime plywood) each \$.18.

**RAFFIA:**-- Make your own attractive toy animals, table mats and ornaments! Our superior quality Raffia is fire proof, is supplied in 1 lb. packages, single or assorted colors — natural, red, green, blue, yellow, brown, black, orange — per lb. \$1.25. Raffia needles (7 to a pkg.) per pkg. \$.25. Also send for our completely illustrated instruction book — \$1.50.



**CLEVELAND CRAFTS CO.**  
735 CARNEGIE AVENUE, DEPT. Q, CLEVELAND 15, OHIO

Type of Project  
and Age Groups

Leather  
9-15  
and over

Metal  
(16-20 gauge)  
Chasing  
Etching  
Piercing  
Repousee  
Hammering  
6-15  
and over

Metal Foil  
6-15  
and over

Painting  
9-15  
and over

Paper  
6-8  
6-8

Items Which Can be Made

Bill folds, key cases, moccasins, belts, purses, archery wrist guards, arrow cases, eye glass cases, book covers, book marks, desk sets, portfolios

Bracelets, book ends, desk sets, trays, boxes, candlesticks, letter openers, bowls, tea tiles, cigarette cases, napkin rings or clips, buttons, brooches, buckles

Apply to wood or heavy cardboard as trays, boxes, match holders, desk sets, picture frames, plaques, book ends, scrap books, three-dimensional use as favors, ornaments, table decorations

Boxes, clogs, trays, plates, book ends, bracelets, buttons, scrap books, picture frames, tiles, bowls

Pottery, pin trays, nut cups, candlesticks, coasters, napkin holders, tiles

Masks

Materials, Tools and  
Equipment Needed

Tooling calf, sheepskins and some cowhides, lacing (leather thonging or gimp) fastenings, battleship linoleum (to make own die for modeling)

Leather punch, leather wheel marker, vise, modeling tools (pointed & flat), sponge, marble slab, metal stamps, cutting knife, fastening equipment, mallet

Glass or crockery dishes for acids, mallet, wooden molds, bracelet bender, files, coping saw for metal, brace and bit, ballpeen hammer, anvil block or block of steel, lead block for repousee, dapping tools, drill, chasing tools, metal shears

Pewter, copper, brass, german silver, aluminum, etching acids (hydrochloric for aluminum, nitric for other metals), oil and pumice, steel wool, black asphaltum

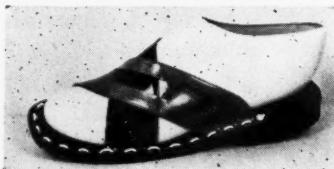
Metal foils (aluminum, copper, brass), liquid solder, nails

Hammer, nutpick, meat skewers, orange sticks, teaspoons

Tempera paint, shellac, enamel  
Brushes

Serpentine (paper streamers), shellac  
Paper sacks, crayons, tempera paint (feathers, yarn, etc.)

Type of Project and Age Groups	Items Which Can Be Made	Materials, Tools and Equipment Needed
Paper (cont.)	Corrugated paper cut and applied to boxes, book ends, waste baskets, etc.	Corrugated paper, tempera paint, shellac. Knife
6-11	Beads: from magazine ads, cut long, thin triangles, roll and shellac	Colored magazine ads or colored paper, string, shellac. Hat pins
6-11	Relief cardboard — cut designs from cardboard and apply to objects — boxes, trays, etc.	Cardboard, tempera paint, shellac
9-14	Ice Cream cartons — make into gift boxes and string holders, paper plates—make into wall pictures or holders	Razor blades, scissors
6-8	Marbelized paper and starch paper—book jackets, portfolios, box coverings and linings	Colored paper, crayons, tempera paint, gummed hangers for plates
6-14	Paper-paste modeling, boxes, tiles, plaques	Oil paint, turpentine, starch, tempera paint, construction paper. Shallow dish
12-14		Construction paper, plenty of paste. Meat skewers, nail heads, etc.



**HANDIEST CAMP SANDAL.** The "Handicraft" camp sandal, for boys, girls and women. Ideal for the beach, in the woods, along paths and for lounging. Guards your feet against infection. No tools needed. Easy to follow instructions with each part. Uppers are of gay colored plastic strap materials, soles are pre-punched, grooved and ridged to prevent slipping. Anyone can assemble. Sizes 4, 5, 6, 7, 8. For narrow foot choose a smaller size than usual. For a wide foot choose a size larger.

Per Pair — \$1.95  
(Less 5% in 12 pair or over lots)

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**INDIAN SEED BEADS** — Cabinet of 36 bottles of Seed Beads in 11 favorite colors. 900 beads in bottle.

Cabinet — \$6.50

**SEED BEAD INSTRUCTION BOOK**  
Ten Cents

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### "OBEE" MOCCASINS

Good, genuine leather with composition soles punched for lacing. Complete with lacing, pattern and instructions.....\$3.90

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Comfortable, long lasting. Made of best grade long woolskin. Complete with pattern, thread, needle, etc. Ready to put together. S-M-L. State shoe size.

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Other types of moccasins not shown in this advertisement  
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**Leathercraft Headquarters For Over 32 Years**

Dept. C. D. 225 W. JACKSON BLVD.  
CHICAGO 6 ILLINOIS

Type of Project  
and Age Groups

Papier-mache  
pulp or strips  
6-15  
and over  
Plastics  
12-15  
and over

Rustic Crafts

9-14	Doorstops, candle holders
9-11	Figures, animals, letter openers
6-8	Flower pots and canisters
9-14	Totem poles
6-8	Paper weights
9-14	Favors

Items Which Can Be Made

Fruit, vegetables, bowls, animals, figures, puppets, masks

Pins, buttons, bracelets, pin trays, candle sticks, pendants, paper knives, napkin rings, boxes, picture frames, cigarette cases, scalloped dishes

Materials, Tools and  
Equipment Needed

Newspapers, starch, wire, tempera paint, shellac, string, masking tape

Old plates or pie tins

Plexiglass or Lucite sheets, 1/8" - 3/16", sandpaper, Simonize, soap (for saw blade), plastic solvent

Soft clean working area, cotton gloves, scribe or awl, coping saw, files, drill, vise, pliers, 250° oven heat

Birch logs, lead shot

Saw, brace and bit

Tree roots, knotted branches

Knife, saw

Tin cans. Tin shears

Soft wood, branch of tree, paint. Knife, saw

Stones, enamels. Brushes

Birch bark, pine cones, acorns, paint, glue, shellac

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CRAFTS

Leather  
Woodworking

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• Plastics

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AMERICAN HANDICRAFTS CO., INC.

45-49 S. HARRISON STREET

Retail Stores: 12 E. 41st St., N.Y.C.

EAST ORANGE, NEW JERSEY

54 S. Harrison, E. Orange, N.J.

Type of Project and Age Groups	Items Which Can be Made	Materials, Tools and Equipment Needed
9-14	Mats (weaving)	Reeds
Stencil (spatter) 9-15 and over	Stationery, cards, programs, pictures, posters, scrapbooks, wall panels, handkerchiefs, scarfs, luncheon sets, curtains, bib, aprons	Stencil paper, water color (on paper) textile paint on cloth, blotter, pad Razor or stencil knife, stencil brushes, glass surface, spatter gun, tooth brush, wire screen
Weaving 9-15 Looms & over Frames Cardweaving Finger weaving	Scarfs, purses, belts, napkins, place mats, pillow tops, pot holders, hot pads, book marks, rugs	Woolen yarns, carpet warp, cords and twines, cotton yarn, raffia, jute, linen, beads, cardboard, small stick (pencil) Looms, frames, shuttles, tap- estry needles
Wood building 9-14	Toys, bird and animal cut- outs, bookends, letter hold- ers, bird houses, scrap books, feeding houses, etc.	Scraps of wood (3-ply wood) paint (oil or water) Hammer, nails, saw, coping saw, rasp, vise, brushes

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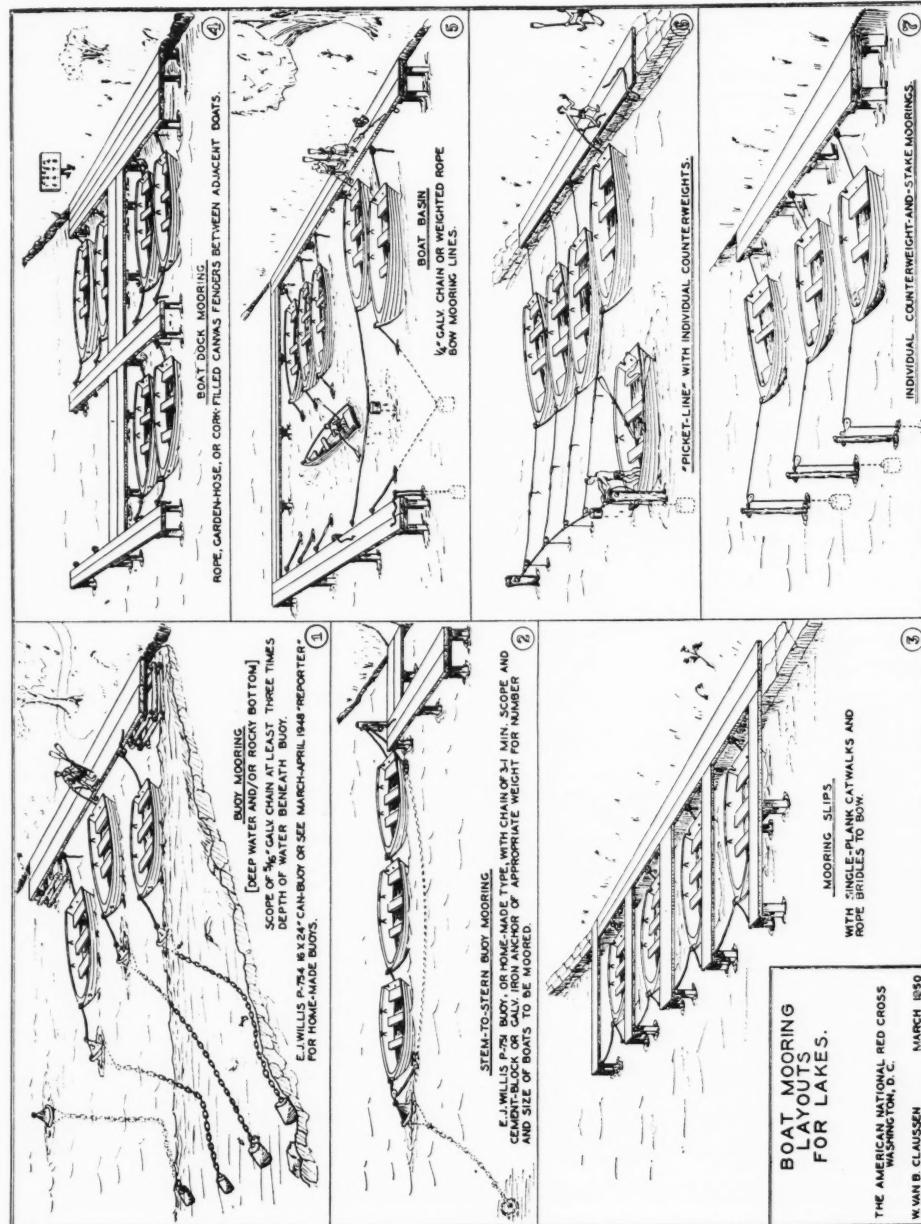
DISTRIBUTORS, INC.

419 So. 6th St. Minneapolis 15, Minn.

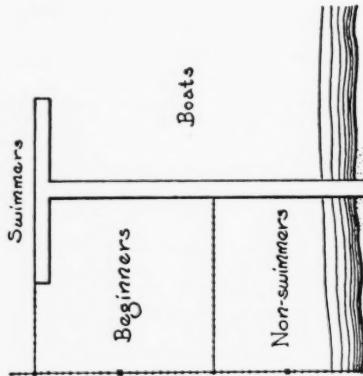
# BOAT MOORING

## Methods

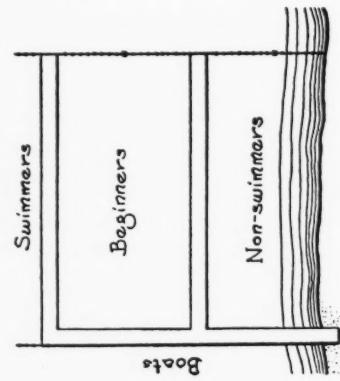
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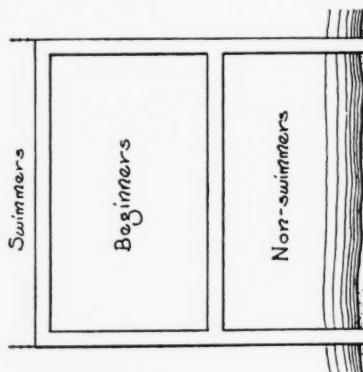
# DOCK LAYOUTS for your waterfront



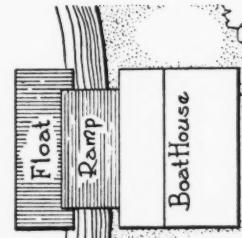
**T-TYPE DOCK**



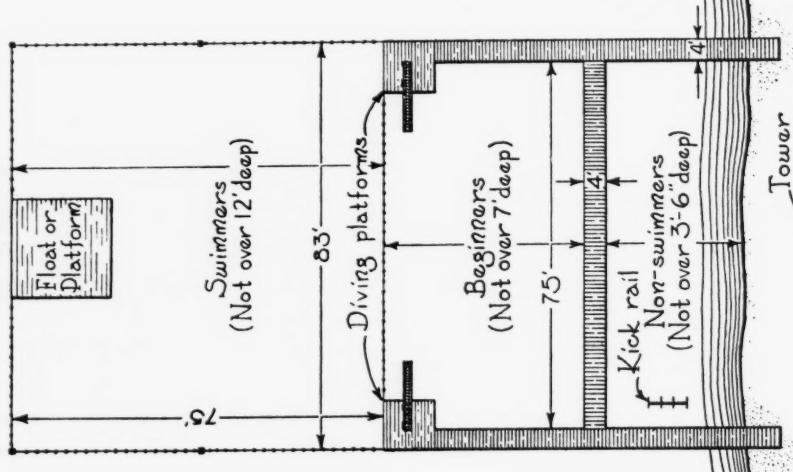
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**A-TYPE DOCK**

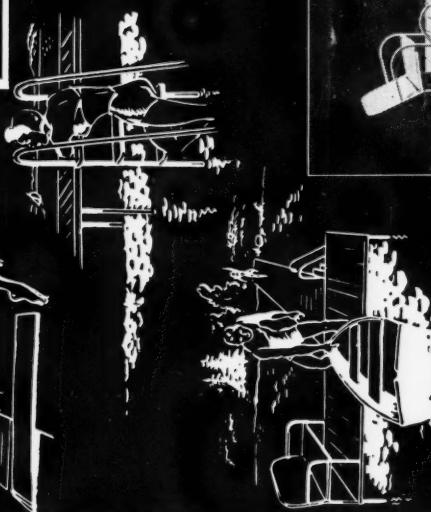
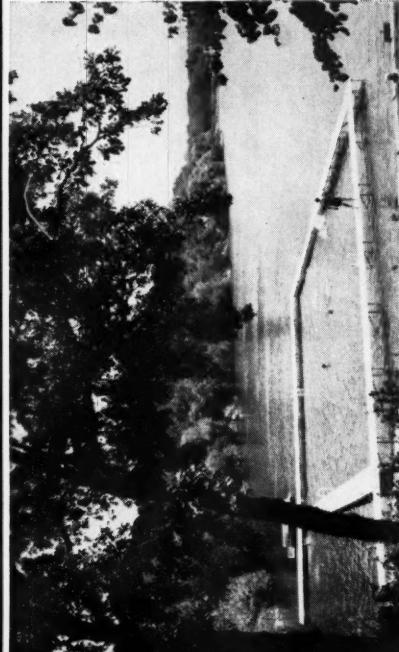


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From *Camp Site Development* by Julian Salomon,  
published by Girl Scouts of the U.S.A.

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... approved by national water-safety organizations the Standard and Steel Pier Accessories combine the added Safety and Stability needed for protection and pleasure.

Send us a rough sketch . . . giving water-depth and dimensions to meet your dock need. We will quote prices and make our recommendations without obligation.

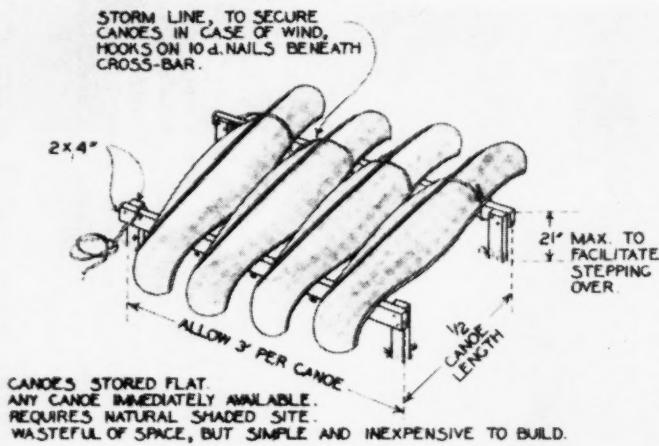
Camp owners throughout the nation are buying the STANDARD STEEL Pier because it's the Dock that suits their every camp need. Safe in every detail. . . . Easy to assemble. . . . All Steel. . . . Adjustable to water-depths. Provided with accessories that every Camp owner deems a "MUST." Ladders . . . Steps . . . Diving Boards . . . Benches . . . Boat Rollers . . . Guard Tower . . . all a Camp necessity!

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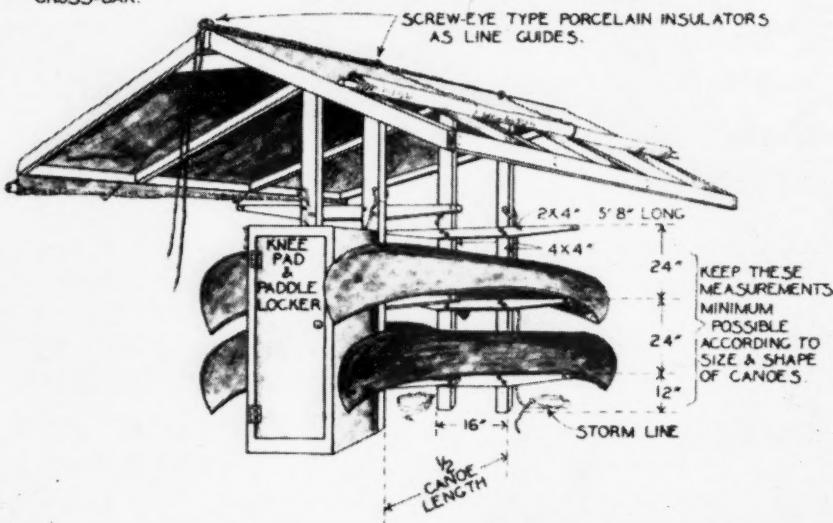
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MOST ECONOMICAL OF GROUND SPACE, 6' BY LENGTH OF CANOES. CANVAS ROOF HAS FURLING RIGGING IN CASE OF WIND STORM. CANOES LASHED WITH STORM LINES.

18' CANOES ILLUSTRATED; WITH CAREFUL PLANNING A STACK OF EIGHT 15' "OJIBWAY" WILL FIT IN SAME OVERALL HEIGHT, 9' TO TOP CROSS-BAR.



Source: American National Red Cross

## **EVERYTHING FOR YOUR WATERFRONT PROGRAM**

- ★ ADJUSTABLE STEEL PIERS
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**A D O L P H   K I E F E R   &   C O .**

2045 RAILROAD AVENUE

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*Leading Manufacturers & Distributors of Aquatic Supplies*

# **The Ideal Camp Canoe**



NO WONDER it's so popular with camp operators—the Grumman Aluminum Canoe is practically *maintenance free!*

NEVER NEEDS PAINTING in fresh water—a yearly painting for salt water use.

RUGGED—Almost impossible to puncture—no messy patching jobs. Tests prove it tops for SAFETY! Unsinkable, because of its built-in air tanks, famous for stability.

*Everybody wants to try it. Its light weight and ease of handling has made it very popular with youngsters and beginners as well as veteran canoeists.*

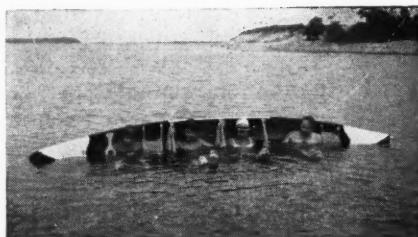
Canoes are made in 13, 15, 17, 18 and 20 foot sizes and in two weights. Choice of natural aluminum or any of four handsome colors. Canoes and boats are adaptable for sailing equipment available for all models.

DISCOUNTS TO CAMPS. Write for free descriptive folder and prices, giving name of camp and your position.

P.S. Also write for information on the new 15 foot Aluminum Sports Boat.

**METAL BOAT SALES, Dept. CD-22**  
Grumman Aircraft Engineering Corp.  
Bethpage, L. I., N. Y.

**G R U M M A N**  
ALUMINUM CANOES AND BOATS



# **WATERFRONT Equipment**

Every well-organized camp aquatic program must have a comprehensive equipment inventory. All equipment should be on hand at the opening of the camp. The following list includes the normal requirements of an average camp. All items listed have been found helpful in operating well-organized camp aquatic programs.

## **Swimming Equipment**

Megaphones and whistles  
Stop watches  
Revolver and blank cartridges  
Water polo balls  
Check board and bulletin board  
Hook, checks, and oilcloth cover for check board  
Specimen copies of certificates, emblems and pins which campers can earn by swimming progress (displayed on bulletin board)  
Practice teaching and kicking rail, in each swimming area  
Kick boards  
Turn boards in each swimming area  
Life lines with appropriate floats (to mark swimming areas)

## **Water Safety Equipment**

Ring buoys (equipped with 60 ft. of  $\frac{1}{4}$  in. rope)  
Bamboo poles and shepherd's crooks (10 to 15 ft. long)  
Can buoys  
Heaving lines (60 ft. long,  $\frac{1}{8}$  to  $\frac{1}{4}$  in. rope, one end fastened into "monkey fist" knot)  
Life boats, each equipped with  
    Anchor and line  
    Extra oars and oarlocks  
    Painter  
    Bailer

Ring buoy and line  
10 ft. light bamboo pole  
Lifeline, looped along gunwales  
First aid kit, kept watertight  
Lantern, for use after sunset  
Light surfboards  
Grappling irons  
Water scope  
Emergency first-aid room, equipped with a good first-aid kit  
Lookout tower and seat  
Swimming and water safety poster for bulletin board  
Bell, gong or horn for alarm or signals

## **Diving Equipment**

Diving boards (1 and 3 meter)  
Cocoa matting

## **Boating Equipment**

Boats of satisfactory type and number to meet the camp's needs  
Oar racks  
Anchor and line  
Extra oars and oarlocks  
Painter  
Bailer  
Lantern  
Scrub brush (for regular cleaning of boats)

## **Canoeing Equipment**

(in addition to the canoes themselves)  
Good paddles, in sufficient number  
Kneeling cushions  
Canoe racks  
Canoe paddle racks  
An outrigger (for giving canoes greater stability when used in pageantry)  
Anchor and line  
Painter  
Mosquito netting (when canoes are used for sleeping, on trips)  
Sailing equipment (canoe sailing is difficult, but a fine art)

## Repair Equipment

Hammers, saws, axes, and other repair tools  
Spikes, nails, tacks, and staples  
Flags  
Paint and paint brushes  
Cocoa matting, rubber matting, and canvas  
Diving board bolts and nuts  
Lumber for repairs or construction  
Silk or muslin cloth  
Marine glue or waterproof cement

## Office Incidentals

India ink and lettering pens  
Large sheets of cardboard  
Pencils and colored crayons  
Thumb tacks and paper clips  
Boxes of small stars  
Balls of twine  
Clip boards  
Pads of paper  
ARC Skill sheets and Examination Record sheets  
Swimming, diving, lifesaving and water safety textbooks  
Emblems and pins

Source: "A Camp Aquatic Program", by Richard H. Bearse and Sidney C. Hazelton.



## LOW UPKEEP COUNTS ALWAYS BUY OLD TOWN CANOES

Join the scores of camps that use Old Town Canoes. The inexpensive upkeep of this faithful craft will appeal to your bookkeeper. Old Town Canoes are built to withstand hard treatment, yet they're light and delicately balanced for safety. Easy, too, to carry.

For 52 Years Old Town has been the standard canoe—more widely used than any other make. Its fame throughout the country is a tribute to its excellent workmanship.

**Place Your Order Now.**

**Make sure of having  
OLD TOWNS  
for the camp season.**

Also we can supply flat-bottom boats—so popular with many camps—and sail-boats, boats for use with outboard motors, and skiffs for rowing and motor use. Our variety of models will meet any need you may have for camp watercraft.

**Old Town quality accessories include  
paddles, oars, slat back rests, mast  
seats, carrying yokes, cushions, etc.**

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**OLD TOWN CANOE CO.**

882 Elm Street

Old Town, Maine

**"Old Town Canoes"**

The firms listed are experienced camp suppliers, who want to serve you well.

# WATER GAMES for Camp

Here are 28 water games, divided into four types — team games, mass games, tag games and relay races. Some are designed to instill greater confidence in beginning swimmers; others are of a more advanced nature. All are good fun and will add considerably to the enjoyment of swimming periods.

## Type 1—Team Games

### 1. Circle Catch

Players join hands in two or more circles of even numbers. A leader is chosen for each group. At a signal, each leader passes a ball to left or right. Object of the game is to see which side can pass the ball around the circle one or more times and get it back in the leader's hands first. If a contestant misses the ball he must recover it as quickly as possible. In place of a ball a heavy object may be used.

### 2. Cork Game

Teams are lined up on opposite sides of the swimming area. Throw 100 or more corks or floats in the water. At a signal, teams swim toward the center and attempt to get as many corks as possible. The team wins which collects the greatest number in a given time.

### 3. Challenges

Challenges made between individuals within a group, or leaders of different groups, are always good fun. The challenger performs the stunt. If the opponents cannot do it, a point is scored for the challenger.

### 4. Drop the Puck

This game is played like the old game "drop the handkerchief" except that a puck or other weighted object is used. Players form a circle and the swimmer who is "It" swims around with the puck in his hand. He drops it behind one of the players, who must recover it and give chase around the circle, trying to

catch the player who is "It" before he can succeed in taking his place.

### 5. Retrieving

Twenty or more bright tin plates or other objects are thrown into the water. Teams line up on shore. On signal, all dive in. Team recovering the greatest number of objects wins.

### 6. Volley Ball

May be played by any number of people. Divide players into two groups, one group on either side of net, which is hung so that the lower edge is about three feet above the water. If water depth varies, have players rotate from shallow to deep water, if possible. Use a water polo ball and bat it back and forth over net, using hands. Ropes floated with wooden "beads" can be used to mark limit lines. Side loses ball if it fails to return it or if it bats ball over limit lines. Side winning ball serves. If serving side wins ball, it scores one point. Only the serving side scores; if it loses ball, it simply fails to score.

### 7. Punch Bowl

A heavy wire is stretched down the middle of the swimming area and about nine feet above the surface. Suspended from the cable on a sliding brass ring is a punch bag attached with a seven foot rope and a snap buckle. (The snap buckle enables the leader to remove the bag when a clear area is desired, but when attached the bag hangs a foot above the surface.) Playing group is divided into two teams, each remaining on its side of the wire. The team bat-

ting the bag to its ends of the wire scores a goal. In the melee the pool looks like a veritable "punch" bowl. Definite rules have not been worked out, but the game is good fun without any rules other than the above.

### 8. Water Baseball

"Diamond" may be all deep water, all shallow water, or outfielders only in deep water. Use an indoor baseball and bats.

### 9. Water Basketball

Goals 60 feet apart, or a shorter distance, according to playing area. All play should be in deep water. Played the same as land basketball.

### 10. Tug of War

Prepare a long strip of stout canvas or heavy rope with stationary loops of heavy canvas to serve as shoulder loops, one for each swimmer. Tie a red cloth to mark the center of the rope. Float a rope for a center line. Players line up at rope, each adjusts one shoulder loop over his shoulder, and at signal they try to tug the rope toward their own goal. Each player has to swim hard against resistances.

Variation: Two teams line up on shore. Two players hold a floated rope with center marked, parallel to the shore. At signal, teams rush to rope and try to tug it to their side, by swimming.

## Type 2—Mass Games

### 11. Swimming Spell Down

Instructor calls out a stunt. Swimmers performing the stunt remain in the game; others are eliminated as in a spelling match until a champion is left. Start with easy stunts to prevent players being eliminated too fast, and gradually make stunts more difficult. Suggested stunts for a water spell down:

- a. Swim with one arm out. (Side-stroke.)

## Lone Star Aluminum BOATS

Safety  
Stability  
Speed  
Economy



Before you buy see LONE STAR America's most complete line of aluminum boats. They have all the features and stay maintenance free. Write for complete catalog and quantity prices.

LONE STAR BOAT MFG. CO.  
P. O. Box D-698 Grand Prairie, Texas



Courtesy Luther Gulick Camps

## TOPS IN FUN . . . Low in cost

## A *Sailfish*® FLEET!

The *Sailfish* is the new sports sensation . . . ideal for camps and campers.

### HERE'S WHY:

**LOW COST** . . . You can buy a whole FLEET of *Sailfish* for the cost of ONE ordinary sailboat.

**POPULAR** . . . Campers love its thrilling speed, nimble performance.

**SAFE** . . . Swamp-proof, pontoon-type hull can't sink, rights easily when capsized. Perfect way to teach youngsters to sail!

**SIMPLE TO MAINTAIN** . . . No caulking. No soaking. No mooring. Beach or store anywhere in small space.

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**VERSATILE** . . . Transforms from sailboat to paddle board in a few seconds.

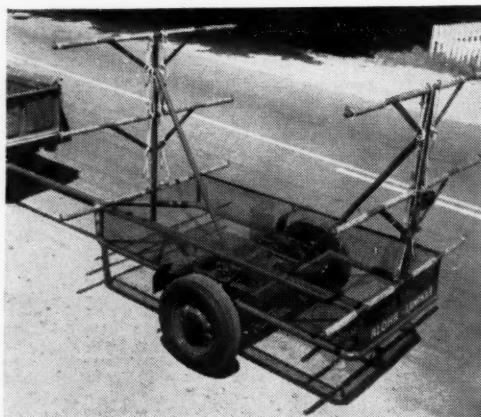
Three *Sailfish* sizes (10', 12', 14') from \$179, complete with sail. Two easy-to-assemble Kits from \$139.50. Prices f.o.b. factory. Special discounts on camp fleets. Write for literature.

**ALCORT, INC.**

1172 North Main Street, Waterbury, Conn.

- b. Swim with arms out. (On back.)
- c. Steamboat: coasting position of head and arms, feet perform crawl kick.
- d. Duck dive. (Surface Dive.)
- e. Log roll: keep legs, body and arms stretched in straight line; roll.
- f. Surface dive with hands at sides. (Jack knife quickly.)
- g. Corkscrew surface dive.
- h. Sculling feet first, hands at side.
- i. Sculling feet first, hands overhead.
- j. Corkscrew feet first.
- k. Stomach cramp float. Rubbing tummy with both hands.
- l. Porpoise diving. (Surface dive to bottom, spring up, repeat.)
- m. Crab swimming. (Breast stroke moving backwards, reversing arm motions.)
- n. Crab swimming sideways. (On back, scull so as to move sideways.)
- o. Mermaid's Prayer. (Kneeling float.)
- p. Water Wheel. (Back wheel-
- ing.) Floating on back, sculling in circle.
- q. Front somersault.
- r. Back somersault.
- s. Swim with one foot out. (Lying on back, head submerged.)
- t. Swim with both feet out. (Lying on back, head submerged.)
- u. The human bobber. Balancing stunt. Take handstand position in deep water. Scull so that you move forward, feet out of water.)
- v. Swim, hands clasped and feet together.
- w. Pendulum float.
- x. Bicycle on side.
- y. Tread water waist deep. (Requires strenuous treading to raise body in deep water so that one is treading with shoulders and arms out of water.)
- z. Walk home from boat ride. (Same as above only propelling self forward.)
- aa. Rotary crawl. Crawl on face and back, rolling right and left alternately.
- bb. Tasmanian crawl.
- cc. Egyptian stroke.

## A LIFE-TIME CANOE TRAILER for Camp Use



This fine, sturdily constructed piece of equipment is self-liquidating in a short time. Since it may be towed by car or station wagon, it makes a truck unnecessary on trips.

**Made On Special Order Only**  
(Material shortages makes it advisable to place your order early.) Unlimited choice of color. Duffle Box and Camp Names included.  
Send coupon today for full information.

**ALCRAFT CO.**  
Box 329, Bronxville 8, N. Y.  
Please send information on 4 and 6  
canoe trailers.

Camp Name.....

Address .....

City..... State.....

Name .....

## **12. Neptune's Call**

Players are lined up on one side of swimming area. The one who is "It" stands or treads water in the center of the area. When he shouts "Neptune's call, come one and all," players must swim to the opposite side. "It" tries to tag as many as he can. All players tagged must remain in the center and help in capturing the others until all are caught.

## **13. Pigeon**

Another game that can be played without equipment. Everyone sits at the edge of the water, or side of the float, with knees under chin and hands clasped around legs. On blow of whistle they dive in and swim to the other side of the area, those who are last—say five—are called "pigeoned," and are out.

## **14. Leap Frog**

Players line up starting in shallow water, those in deep water treading. Last in line puts hands on shoulders of one before him, pushing latter under water while he leaps over with feet spread wide. Continue until first in line becomes last. Good game to make swimmer "at home in the water." Can also be played as a team game.

## **15. Poison**

Form ring by joining hands or by grasping endless rope. "Poison" is some floating object anchored in center of group. Object is to pull the other person so that he touches "poison" but keep from touching it yourself. Anyone touching "poison" is eliminated from the ring until only one person is left. (Note: Games like the above, or other ring games or folk games, can be played in shallow water by children. They have value in making the children forget their fear of the water.)

## **16. Water Tactics (grand march, etc.)**

Group in deep water executes movements at command of leader who orders

facing, marching and saluting for individuals. In rows of two or four, groups execute marching, wheeling, etc., in gymnasium style. With practice, group may form letters, each individual floating face downward in position, at signal.

## **Type 3—Tag Games**

### **17. Stunt Tag**

Instructor calls out certain part of body which must be out of water to secure immunity. "It" may tag any player not thus immunized. Variations are "One foot out," "Head submerged and hand out," "Both feet out," etc.

### **18. Ball Tag**

Played in limited area, in water waist deep for nonswimmers, or in deep water for swimmers. "It" tries to tag someone by tossing the ball. The one tagged becomes "It."

### **19. Japanese Tag**

Instructor announces certain part of body which must be tagged, by "It"; as head, right shoulder, left hand, etc. Those who are tagged must join "It" and try to tag the remaining players.

### **20. Hold Tag**

The one who is "It" walks or swims after other players, attempting to tag them. Player tagged must place his left hand on the spot where he was touched and, holding this position, attempt to tag another.

### **21. Under Cover**

This is a variation of stunt tag game. In order to be safe, one must be completely submerged.

## **Type 4—Relay Races**

### **22. Leap Frog Relay**

Teams line up in shallow water: goal is in deep water. At signal, last man in each team leaps over one in front of him, continuing until goal is reached.

### **23. Obstacle Relay**

Teams line up on shore. At signal, first swimmer in each team races to a log anchored in the water, climbs over it, turns and swims under it, returning to start. Second swimmer follows suit. Other obstacles which may be used: boats, barrels, spars, life buoys, etc.

### **24. Disrobing Relay**

First swimmer in each team wears, over bathing suit, an assortment of clothing. May be pajamas, or complete street outfit including umbrellas, or other variations. At signal, he dives in, swims to raft, climbs on raft and removes clothing, which must be piled in a heap in the center of raft. Returns to start, upon which second swimmer swims to raft, climbs out and dresses in the outfit discarded. Second swimmer may use any clothing found in the heap; need not secure clothing his partner left but must dress in complete outfit and return to start. Two swimmers on each team are sufficient for this relay.

### **25. Touch Relay**

Line up teams on opposite sides. Object of the game is to touch whatever is called and to return to starting place as quickly as possible. The leader may bring in any number of skills, and the game can be made most interesting as he calls out "touch bottom of lake," or "touch toes, suits, rubber, wood, etc."

### **26. Nightgown Relay or Pajama Relay**

This is an interesting event to top off a meet. Various colors may be used. Put on pajamas, dive in, swim a certain distance, or to boat, float, etc., get out, take off pajamas, then return. Partner has to put on wet pajamas or gown and swim distance, repeating until whole team has swum with the garment, which will probably be completely wrecked by the finish.

### **27. Flag Relay**

This event is designed to develop and utilize the side-carry position in life saving. A small flag may be carried in the upper hand and passed to teammates in water at each end. An interesting variant is to use a large parade flag, a 6-foot flag on an 8-foot staff. The base rests on the swimmer's upper hip; the flag is carried upright and must be kept dry. Red Cross flags, or flags with aquatic symbols may be used. Shallow pull of under arm and scissor kick must be used.

### **28. Carrying Races**

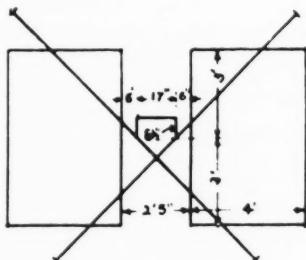
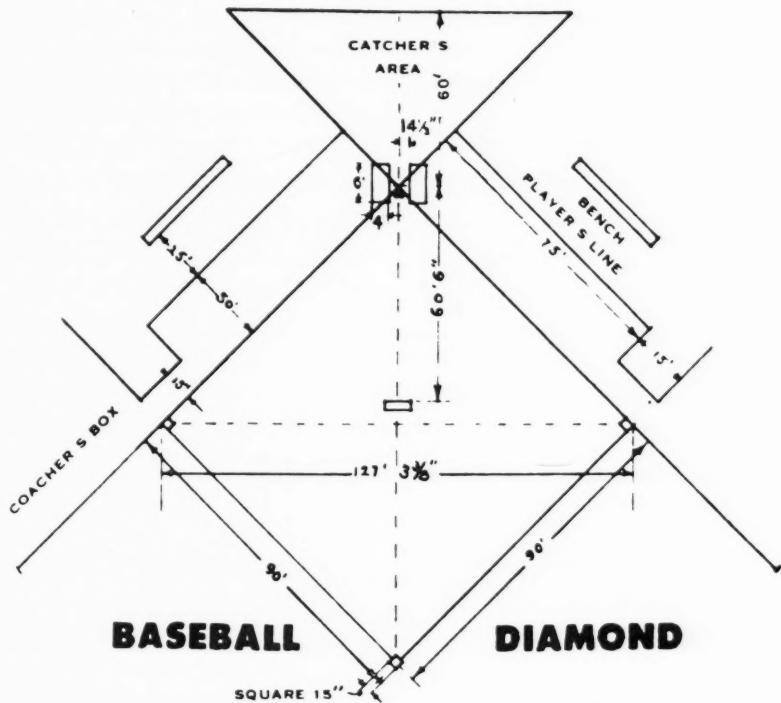
Each contestant swims to goal, carrying a lighted candle, paper parasols or flags. Another variation is to have each swimmer hold in his hand a tin plate on which there is a stone. Swimmers may also push balloons or balls to goal. By carrying large parade-size flags on 6- or 8-foot staves, life saving carrying power is developed.

Source: American National Red Cross

**THIS PUBLICATION** will serve you and your camp **BEST** when all of your key people have their personal copies for reference wherever and whenever necessary.

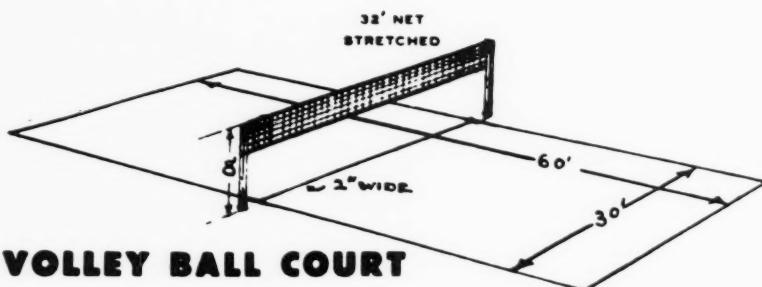
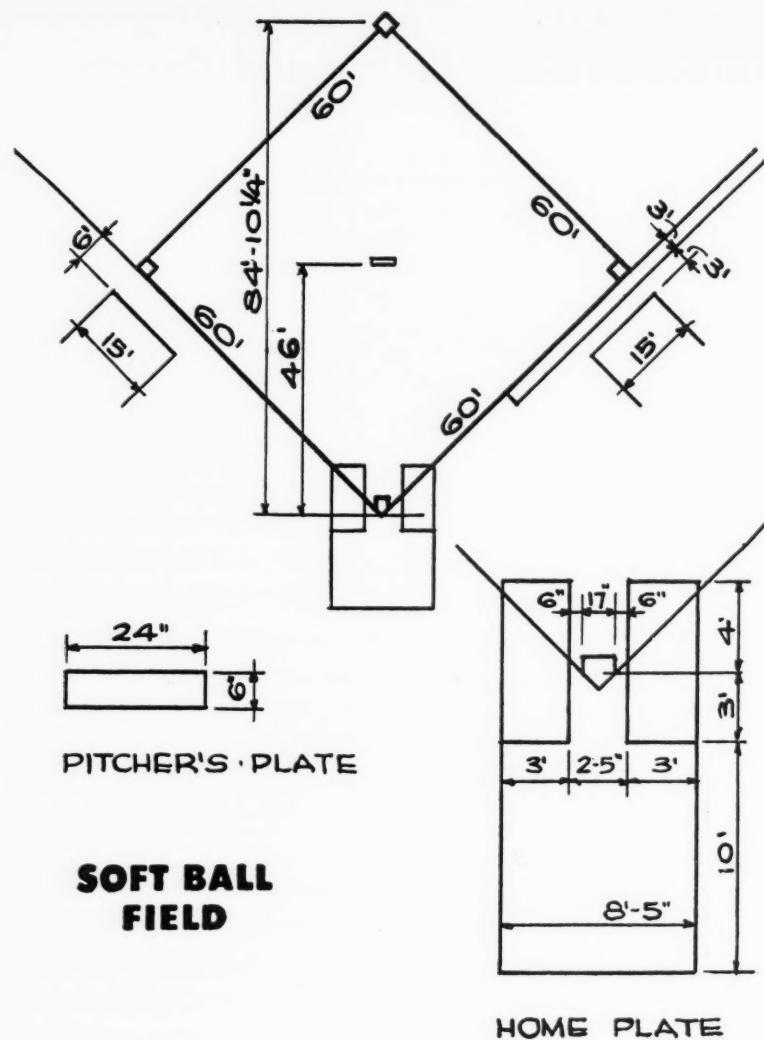
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# DIMENSIONS for Fields and Courts

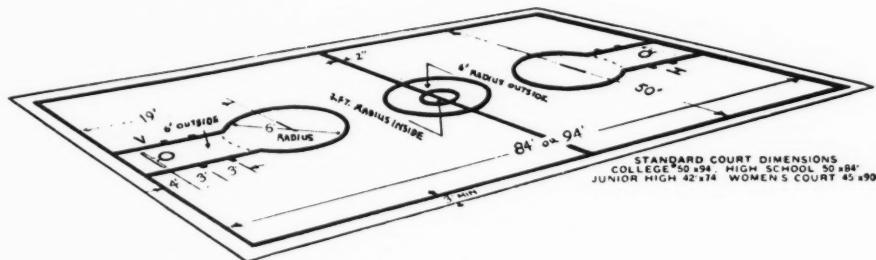


**BATSMAN'S LINES  
AND BASE LINES**

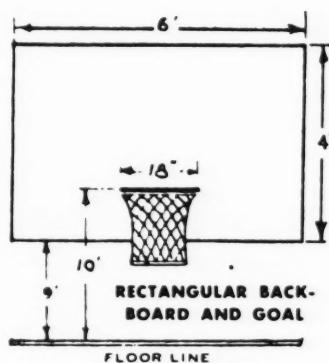
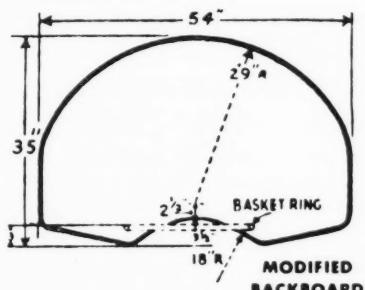
For boys under sixteen years of age measurements changed as follows: Distance between bases, 82 feet; home plate to second base, 115 feet, 11 1/2 inches; same distance across diamond from first to third bases; home plate to pitcher's plate, 50 feet.

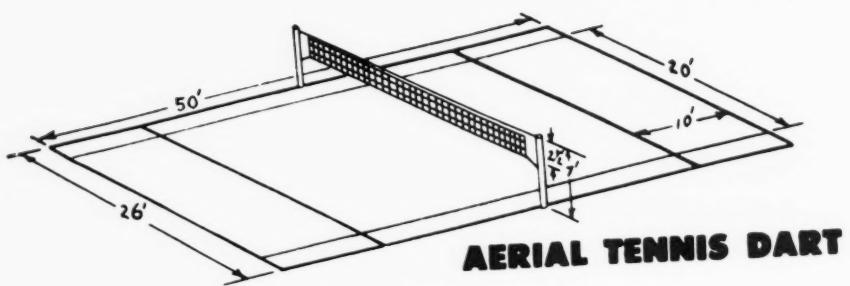


## BASKETBALL COURT

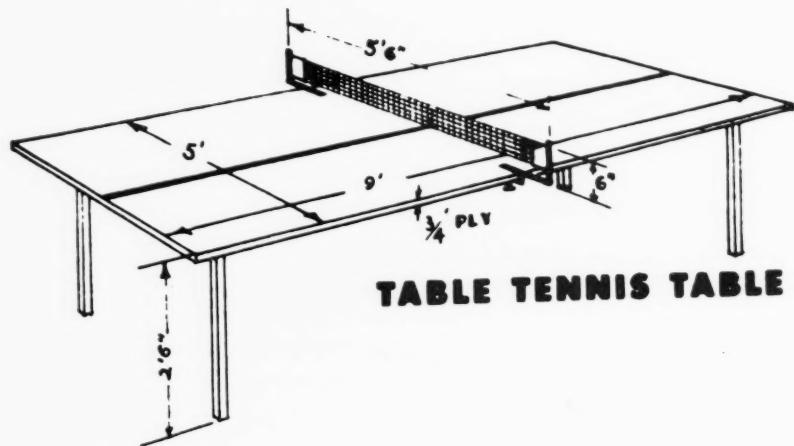


## BASKETBALL BACKBOARDS

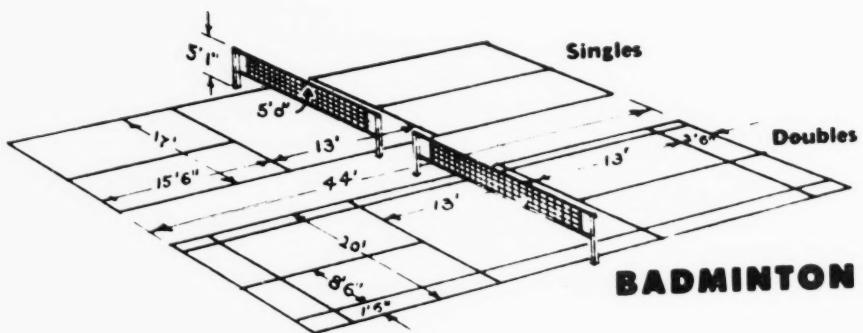




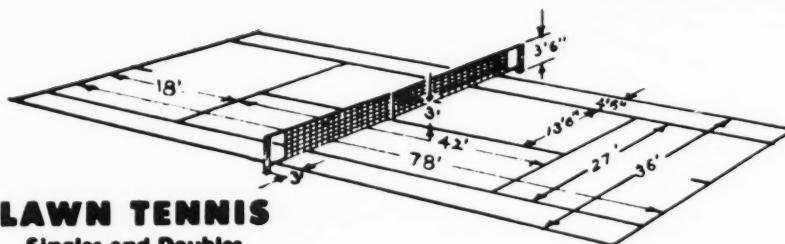
**AERIAL TENNIS DART**



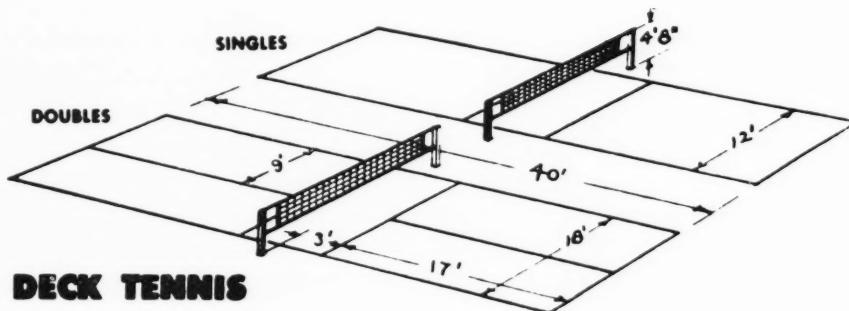
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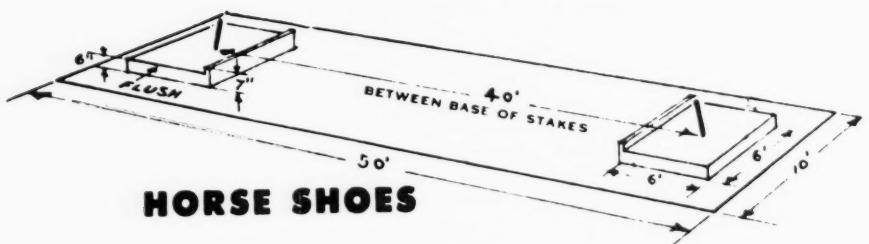
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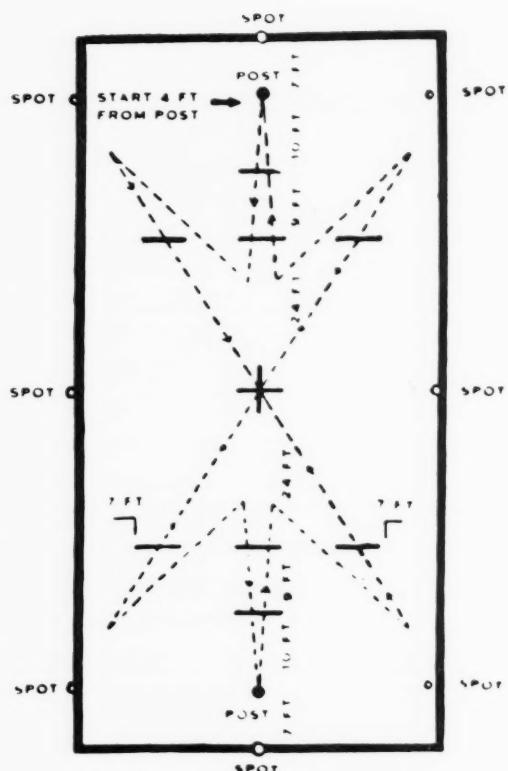
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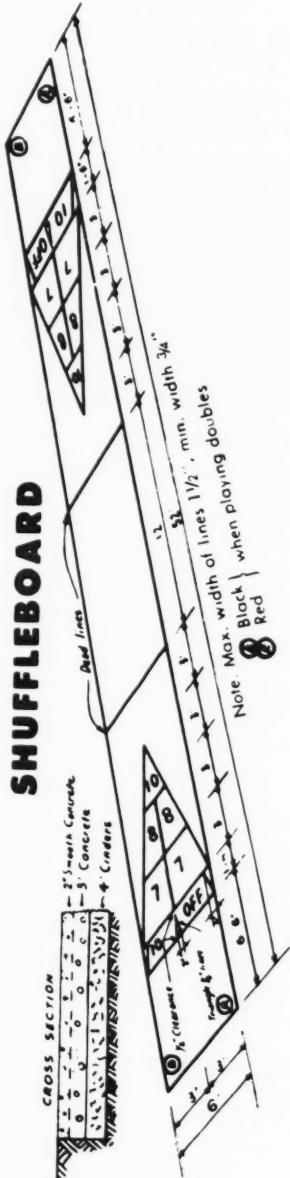


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## **Every Camper Loves Games**

The field and court diagrams given on these pages are for the games most popular with Campers. Use of these diagrams when laying out your playfields each spring will save time, assure correct dimensions.

**Use all of the Annual Reference Issue regularly. It contains answers to hundreds of camp operating problems.**

# Graded Tests of CAMPING

## Campcrafter

Help prepare a good safe place for an outdoor fire. Gather tinder, kindling and fuel, and light a foundation fire, keep it burning for three minutes.

Cook, so it looks and tastes good, one thing like toast and one thing like cocoa or a one pot dish.

Show that you know how to care for and use a knife, and make something like shavings, a toasting stick or pin, with a knife you have sharpened.

Show that you know how to make and use two knots.

Have your own hiking kit, for outdoor meals, and know how to take good care of it.

Help make plans for a picnic, hike, or cookout, including what to take, where to go, what to do, etc.

Go on a two-mile hike. Show that you know how to dress properly to go outdoors in your locality and how to hike on the open road.

Show that you know three rules of good outdoor citizenship for your part of the country.

Get acquainted with something in nature—a tree, a bird, an animal, etc. Observe it. Watch a sunrise, a sunset, or a storm gathering.

Know how to find NORTH by stars and by the sun.

Find a story, a poem, picture, etc., that describes something you like in the out of doors.

## Pioneer

Tell six points of fire safety for your locality. Show that you can build two types of fires, such as criss cross and tepee, and know when they are used.

Cook successfully by two different types of cooking—broiling, baking, etc. Plan a well balanced meal using the two types.

Show that you know how to get fuel for a woodpile, using a bucksaw and sawbuck, or similar tools used in your locality. Help make a woodpile.

Show that you know how to make and use two types of lashings.

Add something to your own camping equipment, such as a poncho, sleeping bag, knapsack and know how to use and care for it.

Help make plans for a day's trip with one meal cooked out, planning how to pack, carry and take care of food.

Go on a hike, properly equipped, carrying own equipment, food, etc., for a day's trip with one meal on the trail.

Show that you know three points of conservation of natural resources for your locality. Do something to help conservation.

Choose something in nature to learn more about. Learn several general facts about them, and several specific facts about some you have observed.

Know how to set and sight with a compass.

Know a good hiking song and a song about the out of doors.

# SKILLS

## Woodcrafter

Help with a fire for a beanhole, a barbecue or some special cookout. Lay a fire in an outdoor fireplace and light it successfully.

Cook successfully by two new types of cooking you have not shown before, such as reflector baking, aluminum foil cooking, dutch oven baking, etc.

Show that you know how to care for and use a small axe (handaxe or two-handed axe). Split a small log into kindling.

Know the knots to use in tying a blanket roll, or a pack.

Show that you know how to pack a pack or a pack basket, make a blanket roll or envelope bed, or whatever is used in your locality. Tell the group about some favorite piece of equipment.

Help make plans for a two-meal trip, including well-balanced meals, equipment, etc. And

go on it.

Learn how to get around the country, in whatever way is generally used in your locality (hiking, canoeing, etc.)

Show that you know five things a camper can do to protect living things. Help something grow.

Learn something new about nature from reading in a book, talking with a nature enthusiast, or observation. Share your knowledge with your group.

Know how to follow a map and how to make a simple sketch map.

Read a story or article about some outdoor project, hobby, activity or interesting happening, or take or sketch some outdoor pictures.

Source: Catherine T. Hammett, from "Your Own Book of Campcraft", published by Pocket Books, Inc.

## Old Settler

Lay a ceremonial campfire—and light it successfully (later) or know something more about the type of fires used in your locality.

Help plan and cook an outdoor meal without adult supervision.

Show some kind of progression in using tools used in your locality. Show you know good conservation in carrying out your project.

Make a belt, a net, a splicing, or some article using knots and lashings.

Help pitch a wall tent, or help make an overnight camping site.

Help plan and carry out a two or three-day trip. And

go on it (perhaps it will be by horseback, by bicycle, on foot, in canoes).

Know the "conservation pledge" and learn something of the work of your state and federal conservation and forestry services.

Keep a nature diary for several weeks making daily entries of things you see and hear that interest you.

Go cross-country with map and compass for at least a mile.

Tell a story, teach a song, plan a ceremony or campfire activity about the outdoors.

# RIFLERY in Camp

**DISTANCE**—Practically all organized camp firing is conducted on fifty foot ranges. This specified distance is measured from the firing point to the face of the paper target. (Recent NRA rule changes permit use of air-rifle programs. Firing distance is 15 feet; hence, indoor ranges are quite feasible, making possible all-weather shooting, as well as participation by campers considered too young for .22 shooting.)

**DIRECTION**—The direction of fire should, if possible, be north or northeast. This permits firing at any time of the day without sun shining into the eyes of shooters or range officer. It is far more important, however, that a safe backstop be located and the periods of firing adjusted to those hours when the sun will not be troublesome.

**SAFETY**—Locate the range where campers will not wander into the field of fire while engaged in other camp activities. All "blind" approaches to this field of fire should be fenced and warning signs generously distributed. When in doubt about any safety factor apply the rule of "Safety First."

**CONSTRUCTION**—Most camp directors prefer to have construction of the range fit in as closely as possible with other camp buildings. This means that in a majority of cases rustic construction of range shelter, etc., is preferred.

**EXPENSE**—Even the most elaborate range need not be expensive. Materials are fairly cheap and easily obtainable. Labor involved will probably be the largest item. Some camps have greatly reduced this item by having the range target carriers, rifle racks, etc., made as projects in woodworking or handicraft classes. The most simple range, with uncovered firing point, is quite inexpensive.

As improvements are added, such as covering firing point and target carriers, expense naturally increases. However, the trend in camps is toward this latter, more substantial construction.

**FIRING LINE**—Firing points on an uncovered firing line are graded so that the side toward the target is raised about 10 inches and slopes back to level ground at a point six to ten feet in the rear. Firing points are designated by 2x4 inch white stakes with black numerals corresponding with target numbers. Each shooter takes his place just to the right of the stake.

The firing line should be level from one side to the other, with a minimum of five feet between firing points. It should be sodded or sown with some kind of tough grass to make it clean and comfortable.

A covered firing line carries out the same principles as the uncovered firing line, but gives greater comfort on hot, sunny days as well as permitting use of the range during light rain or showers.

**BACKSTOPS**—The only satisfactory natural backstop is a hill of fairly good size, with a crest not less than 30 feet above the level of the firing point. The hill should rise about one foot for each two feet along the horizontal. Brush which might obscure the view of campers on the firing line should be cleared away to the crest of the hill or at least 100 yards up a large hill from targets and at least 50 yards on each side of targets. A cut should be taken in the hillside behind targets to provide a perpendicular face to catch bullets and prevent ricochetting.

Do not use as backstops stone fences; stone piles; the sheer, unprotected face of a quarry; brick, stone or concrete

An Accurate 22 cal.

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The Postoffice Department does not forward copies of magazines which can not be delivered because of the addresses. This results each month in some readers of CAMPING MAGAZINE missing one or more issues, since it is impossible for either ACA or the publishers to stock any large number of back issues.

If you are planning to move, please send both old and new addresses at least one month before you do so. ACA members should contact ACA, 343 S. Dearborn St., Chicago 4. Non-member subscribers should contact CAMPING MAGAZINE, 705 Park Avenue, Plainfield, N. J.

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walls; piles of logs or railroad ties; standing timber; or a stream or lake which is navigable within 1,500 yards of the firing line.

There are two main types of satisfactory artificial backstops. One uses metal plates as the backstop, much like the usual indoor range. The other is the earth-filled wooden crib.

The wooden crib filled with dry earth or sand is very inexpensive to construct and quite efficient. However, it does require constant attention to keep it in safe and effective condition. Wooden cribbing should be not less than ten feet high and extend six feet to the left and right of the end targets. Cribbing should contain a fill of not less than 24 inches of dry earth or sand; 36 inches would be advisable. Wet earth or sand is not at all effective for such use; avoid it. Construct the cribbing with vertical studding on the inside and horizontal planking, which is immediately behind the targets, screwed or bolted to the studding so that it may be readily removed and replaced as it is shot away.

**THE TARGET BUTT** most easily constructed and most efficient in use (where target carriers are not used) consists merely of posts planted in the ground immediately in front of the back-

stop and about eight feet apart. Frames holding targets are hung from tenpenny nails or hooks driven into these posts. Two sets of nails should be provided on fifty foot ranges. One set should hold targets level with the eyes of the shooter of average height when in standing position, the other should hold targets slightly higher than the level of a shooter's eyes in the prone position.

Target frames to hold targets are easily and quickly made from one by three inch dressed material. They are about eight feet in length and about 15 inches in height. To the top of the frame fasten squares of wood or tin painted alternately black with white numerals and white with black numerals. Target numbers should be spaced at least 18 inches apart and numbered from left to right to correspond with firing point numbers. Under each numeral nail a rectangular piece of pressed wood, beaver board or such material. Targets may be easily and quickly attached by spring or clip clothespins.

Extreme caution should be exercised in exchanging a frame with unfired targets for one with fired targets. The firing line should be cleared of shooters before this change is made.

Source: National Rifle Association

## CONVERTIBLE DOUBLE DECK STEEL BUNKS

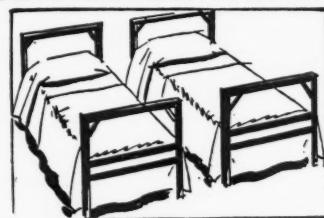
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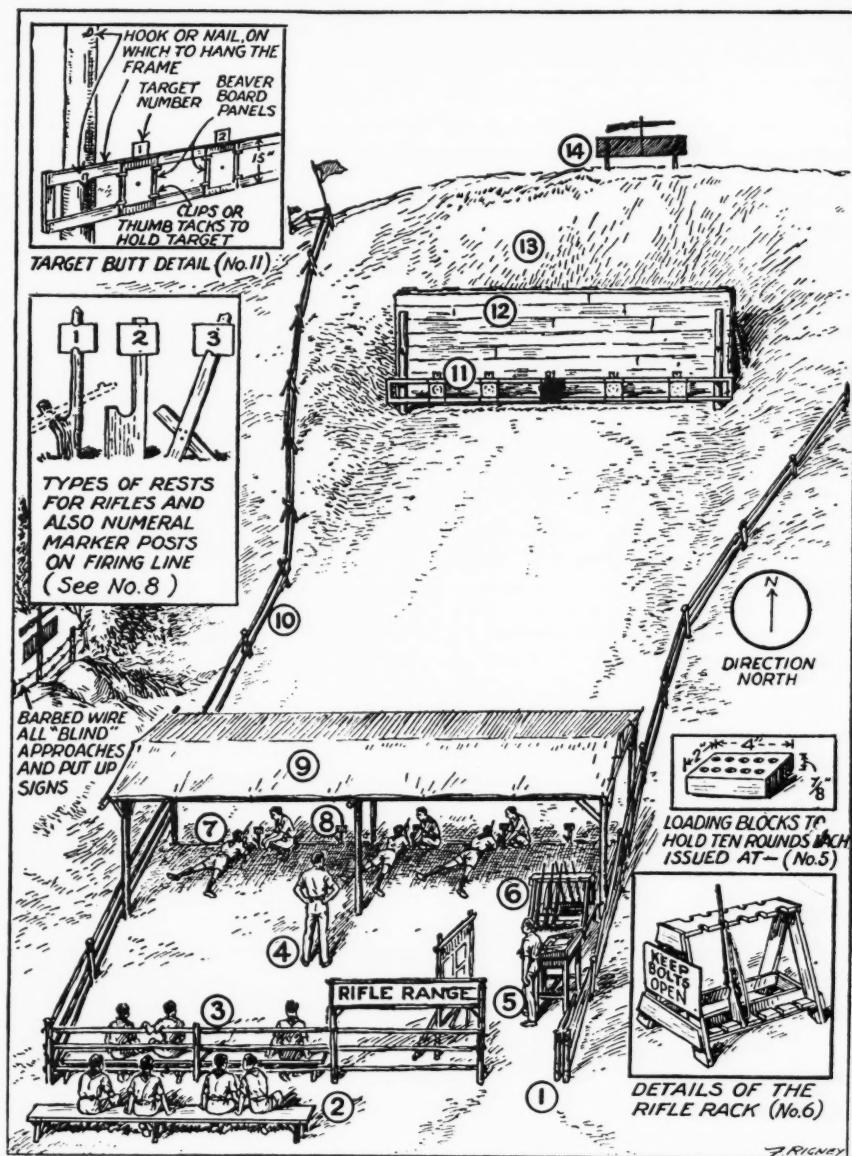
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and Coach. (8) Range Number Corresponding to Number on Target Rack. (9) Tarpaulin Cover for Roof. (10) Fence. (11) Target Rack. (12) Back

Stop. (13) Side Hill Back of Target. (14) Range Sign —Note Range Flag at distant left end of fence, which is raised when Range is in use.

Source: Health and Safety Magazine, B. S. of A.

# ARCHERY in Your Camp Program

In laying out a target archery range, it is usually preferred to shoot north, as in that manner the sun is seldom in a position to be a disadvantage to the archer. Ranges may be located in wooded areas; however, this is not always advisable as shadows sometimes make it difficult to follow the course of an arrow in flight.

Terrain should be as level as the location will permit. Width available will determine the number of targets that can be accommodated; as safety is the first consideration, experts recommend never to place targets at distances of less than 15 feet apart on centers.

Even then, careful supervision of shooting is advisable. Tapes or chalk lines may be used to indicate the various distances from targets. A clear distance behind targets of from 10 to 20 yards is advisable; this area should be free from large stones, stumps, trees or other objects that might damage arrows which fail to hit targets.

**BOWS**—Recommended bow-woods include yew, osage orange, hickory and lemonwood, with the first two rated best. Yew has a smooth, delightful cast, and is an excellent all-around bow-wood. Osage orange is a tough, durable wood of very fast cast; it is recommended for hunting bows, although many use it on the target. Lemonwood is the commonest bow-wood; it makes an efficient and serviceable bow. Hickory makes a very durable bow and when made of well selected season stock it gives good performance.

**ARROWS**—The two most commonly used arrow woods are Port Orford Cedar and

Birch. Port Orford Cedar is used because of its excellent spine and its ability to stay straight even after a great amount of shooting. Footed arrows have a piece of hard-wood spliced to the foreshaft, which makes them much more durable.

Metal arrows have come into considerable use in recent years. They have the advantages of great spine and lighter weight; and the disadvantage of being somewhat difficult to straighten when bent.

**SIZE OF EQUIPMENT**—It is important that archers use arrows of correct length; length of bow used depends upon arrow length. Proper arrow length for any camper can easily be determined. Have the camper raise both arms level with his shoulders and extend them as far as possible to the side. Measure the camper's total "spread." Then refer to the figures given below and select the length of arrow and bow which most nearly correspond to the camper's spread.

Measurement	Arrow Length	Suggested Bow Length
57-59"	22-23"	not under 4' 6"
63-65"	24-25"	" " 5' 0"
69-71"	26-27"	" " 5' 6"
75-77"	28-29"	" " 5' 9"

**TARGETS**—Archery targets are made of straw, coiled and sewn to make a durable base on which the target face is fastened.

When targets are stored, they should be protected from rats and mice, since rodents will destroy a target in a short time. Powdered sulphur sprinkled around targets offers good protection.

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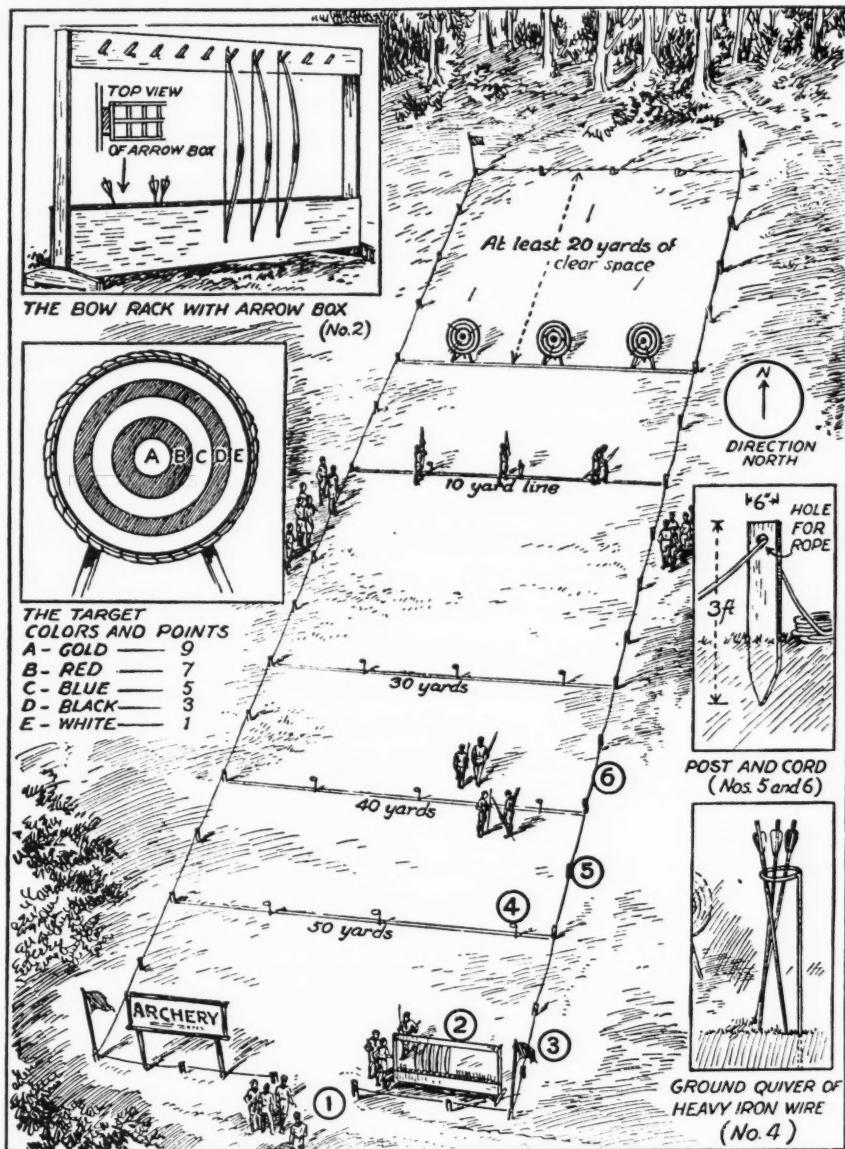
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(1) Entrance to Range at One Point Only. (2) Rack for Bows and Arrows. (3) Flags Flown when Range is in Use. (4) Wire Quiver. (5-6) Wire or Rope En-

closed Range. Note: Instruction line for beginners is 10 yards from target. Lines for more experienced archers at 30-40 and 50 yards. Direction of fire is

North as most desirable; Clear space of 20 yards back of targets with all objects removed that may break or deflect arrow.

Source: Health and Safety Magazine, B. S. of A.

# Camp Photographic DARKROOMS

Simple darkroom equipment lists, including all necessities, are as follows for camp darkrooms:

## FOR A SMALL DARKROOM

### Film Development

#### Minimum Equipment

Darkroom lamps  
Three Enameled trays  
Timer  
Tray thermometer  
Graduate  
Six junior film clips  
Glass stirring rod  
Overhead wire with spring-clip clothes-pins for drying films  
Wastebasket

#### Other Useful Equipment

Day-loading tank for 35mm magazine  
Three hard rubber tanks 4 x 5-inch with eight sheet film developing hangers  
Darkroom ventilator  
Photo chamois

### Contact Printing

#### Minimum Equipment

Auto-mask printing frame  
Enameled tray, 16 x 20 or 20 x 24 inches

#### Other Useful Equipment

All-metal printer  
Automatic tray siphon  
Senior trimmer  
Ferrotypes plates  
Print roller or squeegee  
Photo blotter roll

### Enlarging

#### Minimum Equipment

Portable miniature enlarger or precision enlarger  
Three enameled trays

#### Other Useful Equipment

Masking paper board  
8 x 10 enlarging easel  
Print paddle

## FOR A LARGER DARKROOM, Add

### Contact Printing

Second auto-mask printing frame  
Four enameled trays 8 x 10 or 11 x 14 inches

### Enlarging

Second enlarger: portable miniature enlarger or precision enlarger  
Second masking paper board or second 8 x 10 enlarging easel  
Second print paddle

Source: Eastman Kodak Co.

# MOVIES for Camp

Numerous motion pictures having to do with some phase of camping activity are available to directors for showing to campers and/or staff. The list which follows brings together in one place selected films of many producers.

Name of film appears first, followed by name of producing firm. Next, an indication is given as to whether the film is sound or silent, color or black-and-white, and its approximate length. Finally, a brief resume of the film's content is given. All films listed are 16 mm. in size.

Most of the films can be rented; some may be available only by purchase. Inquiries concerning specific films should be made with the usual film library you use, since most libraries carry films from a number of producers and some producers do not handle distribution of their own films.

## Arts and Crafts

**ARTIST AND NATURE.** *Bailey, color, sound, 10 min.*

Stimulates campers in the enjoyment and understanding of art.

**CRAFTSMANSHIP IN CLAY.** *U. of Indiana, color, sound, four films, 11 min. each.*

Teaches technique for using materials that come out of the camp environment.

**FINGER PAINTING TECHNIQUES.** *Johnson Hart, color, sound, 10 min.*

Demonstrates method of mixing colors, and use of finger work in creating pictures, for even an average person.

**MAKING INDIAN MOCCASINS.** *B.S.A.—Assn. Films\*, color, sound, 17 min.*

Complete process is carefully shown, from selection of hide to fitting.

**MAKING A PACK BASKET.** *B.S.A.—Assn. Films\*, color, sound, 2 reels.*

Starting with a green tree, every step in making a pack basket is shown.

**PAINTING: LEARNING TO USE YOUR BRUSH.** *Young America, B & W, sound.*

\*Films starred, while not produced by Association Films, are available exclusively through that company.

For the absolute beginner, materials required, basic brush strokes.

**PORTAGE.** *Nat. Film Bd. of Canada, color, sound, 20 min.*

Shows making of a birch bark canoe.

**TIN CAN CRAFT.** *B.S.A.—Assn. Films\*, color, sound, 11 min.*

With a little practice, tin cans can be bent into usable cooking equipment by any boy.

**ABC OF POTTERY MAKING.** *Bailey, B & W, sound, 9 min.*

Coil method of pottery making. Correct technique in using patterns, tools, and potter's wheel.

**ABC OF PUPPET MAKING.** *Bailey, B & W, sound 20 min.*

How to make different types of puppets, put them to work and present plays.

## Campcraft

(See also Arts and Crafts, Nature Lore)

**ART OF BUILDING A FIRE, THE.** *Wards, 15 slides.*

Slides show proper sequence of steps in building fires.

**AXEMANSHIP.** *B.S.A.—Assn. Films\*, B & W, sound, 11 min.*

Demonstration of the proper care and use of an axe.

**BASSWOOD FOR MONEY, EMERGENCY FOOD AND INDIAN CORDAGE.** *Wards, 10 slides.*

Slides showing how indigenous materials can be used in camp program.

**FIRE BUILDING AND COOKING.** *B.S.A.—Assn. Films\*, B & W, sound.*

Actually illustrates correct techniques.

**THE FOREST RANGER.** *Assn. Films\*, sound, 3 reels.*

Composite picture of the Forest Ranger at work from Maine to California.

**HOW TO SHARPEN YOUR KNIFE AND USE IT SAFELY.** *Wards, 12 slides.*

Illustrates correct techniques.

**INDIAN CANOEMAN.** *Hawley-Lord, color, sound, 1 reel.*

Canoeing, portaging, camping, and finding food in the wilds of Canada.

**KNIFECRAFT.** *B.S.A.—Assn. Films\*, B & W, sound, 11 min.*

Demonstrates care and handling of the pocket knife.

**MAKING AN INDIAN TIPI.** *B.S.A.—Assn. Films\*, color, sound, 8 min.*

An adventure in Indian lore, with a practical purpose.

**ONE MATCH CAN DO IT.** *Simmel-Meservey, B & W, sound, 11 min.*

Fire discipline in home and forest.

**OVERNIGHT.** *Assn. Films\*, color and B & W, sound, 2 reels.*

A group of Girl Scouts and their leader plan and enjoy an overnight camping trip. Excellent for leadership training.

### **General**

**BILL GARMAN—12 YEAR OLD BUSINESS MAN.** *Frith, color, sound, 1 reel.*

Story of a 4-H Club member who raises rabbits and pigs on a well-run farm.

**BILL AND COO.** *Republic, color, sound, 70 min.*

Tuneful, laughful entertainment starring 273 birds and animals. Delight to all ages.

**BOUNDARY LINES.** *Int'l Film Foundation, color, sound, 1 reel.*

Inter-group and inter-cultural understanding; compelling film in new color animation.

**CALL OF THE WILDERNESS.** *Commonwealth, B & W, sound, 4 reels.*

Adventure story of animal life in the primitive regions of Northwest America.

**CAMPING EDUCATION.** *March of Time, B & W, sound, 2 reels.*

Training program at National Camp for professional leadership, at Life Camps, Inc.

**CAMPING FOR GIRL SCOUTS.** *Girl Scouts—Assn. Films\*, color, sound, 17 min.*

Shows fun and adventure available at Girl Scout camps—both day and boarding.

**DATE WITH YOUR FAMILY.** *A. Simmel-Meservey, B & W, sound, 11 min.*

Points out the need for and benefits of an awareness of the simple courtesies in the home.

**DECLARATION OF INDEPENDENCE, THE.** *Teaching Film Custodians—Assn. Films\*, color, sound, 2 reels.*

The events and discussions leading up to the signing of the Declaration, and its ultimate acceptance.

**EXPLORING A HARBOR.** *Frith, color, sound, 11 min.*

Gives an overall view of a seaport and presents the exciting activities one finds at any harbor.

**GETTYSBURG ADDRESS.** *Sterling, B & W, sound, 1 reel.*

Canada Lee in the depiction of Lincoln's most famous speech, photographed at the Lincoln Memorial.

**THE GREAT TRAIL.** *Sterling, B & W and color, sound, 1½ reels.*

The exciting story of the action-packed Gold Rush of '49.

HAPPY HOUR PROGRAMS (*several*). *Ideal*, *B & W*, sound, 25 min. each.

25-minute programs of short subjects, including comedies, cartoons, sports, travelogs, especially designed for camps.

LET'S ALL SING TOGETHER, Pts. I AND II. *Teaching Film Custodians—Assn. Films\**, *B & W*, sound, 1 reel each.

Each part contains four ever-popular songs.

LIFE IN A POND. *Coronet*, color or *B & W*, sound, 1 reel, 10 min.

Underwater and microscopic scenes showing pond life in action.

LUMBERMAN, THE. *Frith*, color, sound, 22 min.

Portrays the thrill in the life and work of lumbermen in our great Northwest timberland.

ONE GOD: THE WAYS WE WORSHIP. *Assn. Films\**, *B & W*, sound, 4 reels.

A stride toward inter-faith understanding, showing Catholic, Jewish and Protestant faiths.

RIKKI—THE BABY MONKEY. *Encyl. Britannica*, *B & W*, sound, 1 reel.

Delightful story of a mischievous little monkey and his family in their jungle home.

SCHOOL TIME IN CAMP. *Color, Sound, 18 min.*

Picture story of the school camping project conducted by Life Camps in cooperation with the New York City Board of Education.

SHY GUY. *Coronet*, color and *B & W*, sound, 13 min., 1 1/4 reels.

Treats the problem of shyness as an adolescent problem.

SONG OF A NATION. *Teaching Film Custodians—Assn. Films\**, color, sound, 2 reels.

Shows the events leading to the writing of our national anthem by Francis Scott Key.

TEAMWORK. *Simmel-Meservey*, *B & W*, sound, 22 min.

Study in human relations, showing ways in which cooperation is achieved.

UNDERWATER ADVENTURE. *Sterling*, *B & W*, sound.

Dramatic scenes of some of our more exciting marine animals.

UNITED STATES. *Assn. Films\**, *B & W*, sound, 4 reels.

Growth of the nation from its origin at Plymouth to the present.

WE BUILD A CAMP. *Assn. Films\**, color, sound, 3 reels.

A cooperative undertaking of a council of Girl Scouts in building camping facilities for its members.

WHO'S WHO IN THE BRONX ZOO. *Sterling*, *B & W*, sound.

Zoo inhabitants in action at the famous New York zoo.

WORLD FRIENDSHIP. *Girl Scouts—Assn. Films\**, color, sound, 19 min.

Girls from Brazil, Canada and U. S. working and playing together at a Girl Scout International encampment.

YOUTH IN CAMPS. *March of Time*, *B & W*, sound, 2 reels.

The underlying philosophy and method used in Life Camps "decentralized" plan.

### Land Sports

AMERICAN SQUARE DANCE. *Coronet*, *B & W* and color, sound, 10 min., 1 reel.

Fundamentals of square dancing with various steps illustrated.

ARCHERY FOR BEGINNERS. *Bell & Howell*, *B & W*, silent, 13 min.

Basic equipment and principles involved.

BASEBALL FUNDAMENTALS AND TECHNIQUES. *Ideal*, *B & W*, sound, 40 min.

The 1949 New York Giants demonstrate how-to-do-it at every position.

BASKETBALL IS FUN. *Bailey*, *B & W*, sound, 15 min.

Designed to introduce basketball to beginners.

**FUNDAMENTALS OF RIFLE MARKSMANSHIP.** *Assn. Films\**, *B & W*, sound, 15 min.

Use, handling and care of the .30 calibre service rifle, including sighting, aiming, position, firing.

**FUNDAMENTALS OF TENNIS, THE.** *Assn. Films\**, *B & W*, sound, 2 reels.

Featuring Don Budge in action, a treat for players and instructors.

**GIRLS' BASKETBALL FOR BEGINNERS.** *Bailey*, *B & W*, sound, 20 min.

Elements of the game are demonstrated for beginning students.

**GOOD SPORTSMANSHIP.** *Coronet*, color or *B & W*, sound, 1 reel, 10 min.

Examples of good sportsmanship in action are demonstrated through lively story situation.

**PLAY BALL, SON.** *Assn. Films\**, *B & W*, sound, 2 reels.

Excellent instructional film showing the fundamentals of baseball.

**PLAY CHAMPIONSHIP BASKETBALL.** *Assn. Films*, *B & W*, sound, in 6 parts, 1 reel each.

Demonstration of every important phase of the game.

**PLAY SOFTBALL.** *Assn. Films*. (35mm. with commentary), *B & W*, slide film.

Basic skills involved in softball batting, fielding, pitching. Emphasizes team play.

**PLAY VOLLEYBALL.** *Assn. Films*, *B & W*, sound, 2 reels.

Narrated by Bill Slater, film is of value to beginner and advanced player. Presents skills of serving, receiving, passing, setting-up and blocking.

**SOFTBALL FOR BOYS.** *Ideal*, *B & W*, sound, 10 min.

Rules and playing techniques.

**SOFTBALL FUNDAMENTALS.** *Ideal*, *B & W*, sound, 10 min.

Basic skills for the beginner.

**SOFTBALL FOR GIRLS.** *Ideal*, *B & W*, sound, 10 min.

Rules and playing techniques.

**SPORT OF ORIENTEERING.** *Assn. Films* color, sound, 2 reels.

Tells about new sport involving cross-country running in which a special compass is used to guide participants.

**TABLE TENNIS. Teaching Film Custodians—Assn. Films\***, *B & W*, sound, 1 reel.

Explanation of the grip and demonstrations of single and doubles playing.

**TENNIS FOR BEGINNERS.** *Official—Assn. Films\**, *B & W* or color, sound, 1 reel.

The complete rudiments of tennis.

**VOLLEYBALL FOR BOYS.** *Ideal*, *B & W*, sound, 10 min.

Basic rules and techniques.

## Nature Lore

**ANIMAL CUNNING.** *Skibo*, *B & W*, sound, 1 reel.

Unusual and interesting shots of many animals showing their instinctive cunning and alertness.

**ANIMAL LAND.** *Sterling*, *B & W*, sound.

The story of how animals fight to save their homes and rebuild for the future when faced with the ravages of nature.

**BIRDS IN YOUR BACK YARD.** *Barr*, color, sound, 11 min.

Tells how two young brothers plan a backyard sanctuary and their interesting visitors.

**CITY OF WAX.** *Skibo*, *B & W*, sound, 1 reel.

The life of the bee.

**CLOUDS Go to WORK.** *Edited Pictures System*, *B & W*, sound, 10 min.

Cloud formations, making of streams, water power, value and purification of water, all covered.

**EROSION BY WIND AND WATER.** *Edited*

*Pictures System, B & W, sound, 10 min.*  
examples of many of the earth's more beautiful formations.

**FISH IS FOOD.** *Sterling, B & W, sound, 1 reel.*

How our oceans, rivers, lakes and streams provide an abundance of fish, told in fascinating detail.

**GRAY SQUIRREL, THE.** *Ency. Brit. Films, B & W, sound, 1 reel.*

The life of a squirrel family in an old oak tree, climaxing with a narrow escape from a red fox.

**HERITAGE WE GUARD, A.** *Institutional Cinema Service, B & W, sound, 3 reels.*

Shows exploitation of land by trappers and settlers, and importance of wildlife and soil conservation.

**HOW ANIMALS DEFEND THEMSELVES.** *Young America, B & W, sound, 10 min.*

Deals with the way in which animals are adapted to protect themselves against other animals and nature.

**HOW NATURE PROTECTS ANIMALS.** *Enc. Brit. Films, B & W, sound, 1 reel.*

Shows the protective adaptation of various animals to different environments.

**HUMMINGBIRD HOMELIFE.** *Simmel-Meservey, B & W, sound, 11 min.*

Study of the habits of this interesting little bird—how it gathers food, feeds and cares for its young.

**INDIAN HUNTERS.** *Sterling, B & W, sound, 1 reel.*

An adventure in the Canadian northwoods, showing Indians tracking game.

**KENAI BIG GAME.** *Hawley-Lord, color, sound, 1 reel.*

Fine portrayal of goats, grizzlies, moose and sheep.

**LET'S CATCH REPTILES.** *Bailey, B & W or color, sound, 10 min.*

The trip of three children to collect lizards, turtles and snakes. Gives

biology of the animals, their care and habits.

**MONARCH BUTTERFLY.** *Simmel-Meservey, B & W or color, sound, 11 min.*

Complete life cycle of the Monarch, from caterpillar to adult butterfly.

**NATURE'S SONGSTERS.** *Skibo, B & W, sound, 1 reel.*

Songs and habits of American birds amid their natural surroundings.

**PIPEVINE SWALLOWTAIL BUTTERFLY.** *Simmel-Meservey, B & W or color, sound, 11 min.*

Presents all phases in the development of this exotic butterfly.

**SONGBIRDS OF THE NORTH WOODS.** *Skibo, B & W, sound, 1 reel.*

Informative and authentic record of the songs and cries of American birds.

**SPIDER AND THE ANT, THE.** *Sterling, B & W, sound, 1 reel.*

The story of an ant trapped in a spider's web and his rescue by a snail.

**SPOTTY: STORY OF A FAWN.** *Coronet, B & W or color, sound 1 reel, 10 min.*

Filmed against authentic background of the North Woods, the adventures of Spotty the fawn are believable and fascinating.

**WILD FOWL IN SLOW MOTION.** *Hawley-Lord, color, sound, 1 reel.*

A study in grace by slow-motion pictures of wild fowl.

**WOODY GROWS UP.** *Assn. Films\*, color, sound, 1 reel.*

Close-ups of hatching and growth of the woodpecker.

### Water Activities

**ADVANCED SWIMMING.** *Official, B & W or color, sound 10 min., 1 reel.*

A presentation of the fundamental principles of swimming.

**AQUATIC ARTISTRY.** *Teaching Film Custodians—Assn. Films\*, B & W, sound, 10 min.*

Harold Smith, Olympic champion, explains the art of diving, with many fancy dives shown in slow motion.

**DIVING FUNDAMENTALS.** *Official, B & W or color, sound, 1 reel.*

The art of diving in all its intricacy.

**HEADS UP.** *American Red Cross.*

Swimming film made under supervision of American Red Cross water-safety specialists.

**INDIAN CANOEMEN.** *Hawley-Lord, color, sound, 1 reel.*

Illustrates canoeing, portaging, camp making and breaking, living off the land.

**LEARN TO SWIM.** *U. S. Gov't., B & W, sound, 20 min.*

The various strokes and underwater techniques, including gaining confidence, learning fundamental strokes, and practice.

**LEARNING TO SAIL.** *Hawley-Lord, color, sound, 10 min.*



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105 Forrest Ave., Atlanta 3

Shows youngsters learning how to handle small sailing boat, with explanation of ship's tackle and maneuvers.

**MATT MANN'S SWIMMING TECHNIQUES FOR GIRLS.** *Ideal, B & W, sound, 16 min.*

Demonstrations of the proper ways.

**MATT MANN'S SWIMMING TECHNIQUES FOR BOYS.** *Ideal, B & W, sound, 10 min.*

Good swimming techniques shown by Matt Mann.

**PADDLE UP FRONT.** *Springfield College, color, sound, 23 min.*

Fundamentals of Bow Paddling.

**SPRINGBOARD TECHNIQUES.** *Ideal, B & W, sound, 10 min.*

The forward and backward lifts.

**SWIMMING FOR BEGINNERS.** *Official, B & W or color, sound, 1 reel.*

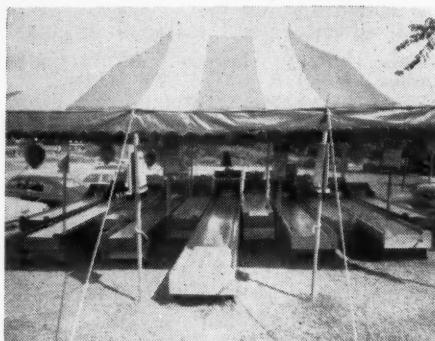
For beginners of all ages, modern instruction methods are shown for strokes from the dog paddle to the crawl.

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# How Much PAINT is Needed?

The quantity of paint needed for any job may be determined as follows:

1. Determine number of square feet to be covered by multiplying width of walls by height, making deductions for areas of windows and doors. For roofs, figure over-all dimensions of the building by multiplying width by length, taking measurements to the outside of walls level with the wall plate where rafters rest, then add as follows:

½ pitch.....	42% to level area
1/3 pitch.....	20% to level area
¼ pitch.....	12% to level area
⅜ pitch.....	25% to level area
⅝ pitch.....	60% to level area
¾ pitch.....	80% to level area

2. Determine quantity of paint needed by applying appropriate coverage figure given below. These spreading capacity figures are all approximate, since surface porosity, application system, and other similar factors will have important bearing on amount of paint required.

## Flat Wall Paint

Average spread per gal., one coat.....	450-500 sq. ft.
Drying time in hours.....	24-36

## Floor and Deck Enamel

Average spread per gal., one coat.....	450-500 sq. ft.
Drying time in hours.....	12-18

## Interior Gloss

Average spread per gal., one coat.....	450-500 sq. ft.
Drying time in hours.....	24-36

## Prepared Paint, Exterior

Average spread per gal., one coat.....	500-600 sq. ft.
Drying time in hours.....	24-36

## Creosote Stain

Average spread per gal., one coat.....	200-250 sq. ft.
Drying time in hours.....	18-24

## Sizes of Common Nails

Size	Length	Diam.	Approx.	8d	2 "	9/32 "	106
		Head	No. to Lb.	9d	2 3/4 "	9/32 "	96
2d	1 inch	11/64 inch	876	10d	3 "	5/16 "	69
3d	1 1/4 "	13/64 "	568	12d	3 1/4 "	5/16 "	63
4d	1 1/2 "	1/4 "	316	16d	3 1/2 "	11/32 "	49
5d	1 3/4 "	1/4 "	271	20d	4 "	13/32 "	31
6d	2 "	17/64 "	181	30d	4 1/2 "	7/16 "	24
7d	2 1/4 "	17/64 "	161	40d	5 "	15/32 "	18
				50d	5 1/2 "	1/2 "	14
				60d	6 "	17/32 "	11

# Capacity of TANKS

## Rectangular Tanks

In Gallons Per Foot in Depth

Inside Length	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	Inside width
2' 0"	29.92									
2' 6"	37.40	46.75								
3' 0"	44.88	56.10	67.32							
3' 6"	52.36	65.45	78.54	91.63						
4' 0"	59.84	74.80	89.76	104.72	119.68					
4' 6"	67.32	84.15	100.98	117.81	134.64	151.48				
5' 0"	74.80	93.50	112.20	130.90	149.61	168.31	187.01			
5' 6"	82.98	102.85	123.42	144.00	164.57	185.14	205.71	226.28		
6' 0"	89.76	112.20	134.64	157.09	179.53	201.97	224.41	246.85	269.29	

## Round Tanks

In Gallons for Each Foot in Depth

Inside Diameter Ft.	Gallons One Foot In Depth	Inside Diameter Ft.	Gallons One Foot In Depth	Inside Diameter Ft.	Gallons One Foot In Depth
1 0	5.87	2 9	44.41	4 6	118.93
1 3	9.17	3 0	52.86	4 9	132.52
1 6	13.21	3 3	62.03	5 0	146.83
1 9	17.98	3 6	73.15	5 3	161.88
2 0	23.49	3 9	82.59	5 6	177.67
2 3	29.73	4 0	93.97	5 9	194.19
2 6	36.70	4 3	103.03	6 0	211.44

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# Camp Directors INSURANCE Guide

This insurance "guide" is intended to apprise Camp Directors of the various types of protection available, with brief descriptions of coverages afforded under each. There are exclusions in every policy, as well as coverages, in addition to those described. These exclusions particularly should be discussed thoroughly with your Insurance Counsel, prior to the purchase of any policy.

No effort is made here to list types of insurance in order of their importance. The value of one kind of protection against another depends on the particular situation of each camp involved. In some states, for instance, laws prohibit suit against a non-profit organization and, in such states non-profit church camps would have limited need for Comprehensive Liability Coverage. Therefore, we have attempted to acquaint the camp director with the names of the various types of insurance available to him together with a resume of the coverage under each type and special considerations which differentiate specialized camp insurance from other types of business operations.

On the chart following appear types of insurance which are generally regarded as being of primary importance and are those which are more frequently felt necessary by the camp. Several other types of coverage which are not of primary importance but which are also available are:

Inn-keepers Legal Liability — Some



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## YOUR CAMP INSURANCE

plays a vital part in the success of your camp. Careful study of the authoritative, objective material on these pages will enable you to buy the coverages you need wisely and economically.

(Continued on page 119)

# PROTECT YOUR CAMPERS

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state laws classify camps in a category with Hotels and Inns. This policy covers the Camps' Liability under the law for the property of guests. Your attorney should determine your responsibility in your own state.

**Money & Security Policy or Bond**—Covers the loss of money from all risks, including dishonesty of employees.

**Personal Effects Policy on Campers**—Covers all loss of property of campers while at camp. Sometimes the camp feels a moral obligation to purchase on behalf of the campers individual Personal Effects Floater Policies to cover loss or damage to property or equipment which the camper might bring to camp. However, normally the type of loss which a camper has at camp is covered by insurance carried by parents.

**Boiler Insurance**—Covering the risk of explosion of pressure vessels. Usually covers the replacement of the value of the boiler at the time of loss and also the damage to other camp property resulting from the explosion.

**Non-occupational Disability Coverage (DBL)**—This Insurance is compulsory for most camps located in the states of N. Y., Calif., N. J. and R. I. It pays benefits for time lost through non-occupational accidents and sickness.

**Ice and Snow Collapse Insurance**—Protects the camp against loss resulting from the collapse of buildings due to the action of ice and snow.

Special care should be taken by every camp operator to determine, prior to the purchase of an insurance policy, whether the company in which the policy is written is reputable and legally qualified to transact business in the state in which the camp is located.

Prepared by—Higham, Neilson, Whitridge and Reid, Inc.

(Continued on page 120)

## • Need Financial Shockproofing?

Your camping business needs sound insurance protection. Write for further information about HNW&R plans for "financial shockproofing" against any or all of these major risks:

- 1 MEDICAL REIMBURSEMENT . . . for Accidents and Illness
- 2 TUITION REFUND COVERAGE . . . or individual or mass withdrawals
- 3 COMPREHENSIVE LIABILITY
- 4 FIRE PROPERTY DAMAGE
- 5 EXTENDED COVERAGE
- 6 FIRE USE AND OCCUPANCY
- 7 AUTO AND TRUCK LIABILITY
- 8 AUTO AND TRUCK DIRECT DAMAGE
- 9 WORKMEN'S COMPENSATION
- 10 SPECIAL CAMP FLOATER
- 11 THEFT INSURANCE

Last year alone, HNW&R Camp Plans provided protection for more than 2,600 camps and conferences. Send for free folder describing these forms of camp protection.

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**CAMP  
INSURANCE**

Type of Insurance	Protection
FIRE PROPERTY DAMAGE	Destruction or damage of property by Fire and lightning.
EXTENDED COVERAGE	Destruction or damage of property by wind-storm, hail, explosion (other than steam boiler), riot, civil commotion, automobile and aircraft damage, smudge damage, vandalism, malicious mischief.
FIRE USE AND OCCUPANCY (Business Interruption)	Property damage Fire Insurance covers direct physical loss. Use and Occupancy insures loss of earnings caused by being unable to use property as a result of its destruction or damage by fire and lightning. (Extended Coverage available to cover additional perils of destruction or damage as per explanation of perils above.)
COMPREHENSIVE LIABILITY	Protects camp for its legal liability for injury or sickness of campers and public and damage to property of others arising out of its operation.
AUTOMOBILE AND TRUCK LIABILITY INSURANCE (Although the complete coverage for ownership and use of vehicles can be included in Comprehensive Liability policy, separate insurance is also available as follows:)	Protects the legal liability of the camp for injury to public (including campers) and for damage to property of others resulting from ownership, use, or hire of motor vehicles.
AUTOMOBILE AND TRUCK DIRECT DAMAGE	Protects camp for loss due to damage of owned vehicles from essentially all causes including collision.
WORKMEN'S COMPENSATION (Compulsory in most states)	Covers liability under State Laws for payment of lost time and medical expense for employees injured while performing their duties.
SPECIAL CAMP FLOATER	Protects camp against loss by Fire or Lightning, those perils enumerated under Extended Coverage above, theft, and damage while in transit to property such as boats and camp equipment not normally in any specific building or location.
THEFT INSURANCE	Covers loss by theft of camp property.
TUITION REFUND INSURANCE (Known as Camp Contractual Liability or Tuition Fees insurance)	Indemnifies camp for fees returned because of campers' withdrawals due to accident, illness, epidemic or fear of epidemic.
MEDICAL REIMBURSEMENT (Known also as Accident and Sickness insurance.)	Reimbursement to camp or parent for bills made necessary by medical treatment over and above that normally supplied by camp.

## Premium Basis

Construction and occupancy of buildings  
Value of buildings and contents  
Term of policy

Same as Fire Property Damage

Fire insurance rate of buildings  
Amount of earnings to be insured

Number of campers  
Number of days camp operates  
Number of canoes, boats, saddle animals, nurses or doctors  
Individual camp's experience

Description and use of each vehicle  
Cost of hire of vehicles  
Number of employees

Description and use of each vehicle  
Amount of deductible on collision portion

Amount of payroll  
Policy issued on estimate, subject to audit at expiration  
In some states individual camp's experience affects rating

Fire Insurance rate plus small loading for other perils

Amount of insurance carried  
Type of property to be insured

Percentage of total gross fees  
Individual camp's experience

Number of campers  
Number of weeks camp operates  
Whether camp is private or agency  
Individual camp's experience

## Special Considerations Affecting Camps

Two bases of coverage normally used:

1. Policy insuring all property for one blanket amount.
2. Policy listing all buildings and contents by individual valuation.

Plan best suited to camp risk must be determined by insurance counsel.

Written as endorsement to Fire policy. Deductible applied to windstorm losses in certain sections of the country.

Policies may be written in most states on a special basis to cover the concentrated period of income earnings peculiar to camp operation.

Liability should always be written on a *Comprehensive* form to cover automatically *all* operations and exposures.

Special extension of normal Automobile policy required. Return premium granted for periods of storage.

Same as above.

Because camps often are located in states other than the resident states of the employees or owners, every policy should be written to cover the camp's liability under the laws of all states permitting private insurance.

Advantageous particularly for camps with extensive trip activities.

Policy should not be limited to Burglary which requires both "Visible means of forcible entry" and that the camp be closed for business.

Policy must be flexible to permit tailor-made contract for specific camps.

Advantages of voluntary or compulsory (100% participation) plans should be discussed with insurance counsel.

**the newer**

# **BOOKS you'll want to know about**

Capsule reviews are given below of books which have come to the attention of the editors during the last 12 to 15 months. For earlier books, see following pages.

## **ADMINISTRATION**

**THE ART OF BOARD MEMBERSHIP, by Roy Sorenson. \$2.00.**

This book serves to elucidate the art (and science) of board membership. Valuable to both novice and expert, the author's treatment is accurate, penetrating and highly readable.

**PUBLIC SCHOOL CAMPING, by James Clarke. \$3.00.**

An excellent general text on public-school camping, though its coverage is chiefly limited to two San Diego, California camps. Helpful to school administrators and teachers interested in this field.

## **ARTS AND CRAFTS**

**CREATIVE HANDS, by Doris Cox and Barbara Warren. 1951, \$6.50.**

The high standards of design, clear illustrations and scope of material make this text a "must" for camp handcraft shops.

**INDIANCRAFT, by W. Ben Hunt. \$3.00.**

Over 40 craft items of Indian origin are described, including many of unusual interest. Directions are clear and concise.

**MAKE IT YOURSELF, by Bernice Carlson. Cloth: \$2.00, paper: \$1.35.**

Contains many useful handicraft ideas for both boys and girls.

**TRY IT, by Herb and Dee Sweet. Published by Harry Holt & Co., 257 Fourth Ave., N. Y. C. Order direct. \$1.00 each.**

Describes how to make many things from scraps and materials easily obtained. Fascinating, original and well illustrated by the author. For boys and girls.

## **CAMP CRAFT, NATURE LORE**

**THE AUDUBON BOOK OF BIRD CARVING, by**

*Lacey and McBride. 1951, \$4.00.*

A well illustrated book describing the carving and painting of life-sized wooden birds. Directions and tools are simple.

**A FIELD GUIDE TO THE BUTTERFLIES OF NORTH AMERICA, by Alexander B. Klotz. \$3.75.**

Covers species east of the Great Plains. Remarkable for its clear-cut detail and excellent illustrations.

**FLOWERS OF THE SOUTHWESTERN DESERTS, by N. N. Dodge. Published by Southwestern Monuments Assn., Santa Fe, N. Mex. Order direct: \$1.00.**

For easy identification of the more popular common flowers of the Southwestern deserts. Brief descriptions of each plant are illustrated with line drawings.

**INSECTS—A GUIDE TO FAMILIAR AMERICAN INSECTS, by Herbert S. Zim and Clarence Cottam. Published by Simon and Schuster, Rockefeller Center, N. Y. C. 20. 1951, order direct: \$1.00.**

A volume describing 225 of the more common species of insects. Practical in its application and well illustrated in color.

**KNOTS, SPLICES AND ROPE WORK, by A. Hyatt Verrill and Capt. E. Armitage McCann. 1946, cloth: \$2.00, paper: \$1.50.**

A highly practical book giving clear directions for making all the most useful and ornamental knots.

**THE LIFE OF THE SPIDER, by John Crompton. \$3.00.**

A fascinating and informative discussion of the subject. Graphically describes the drama of spider life without sacrifice of scientific facts.

**WILD LIFE IN COLOR, by Roger Tory Peterson. 1951, \$3.00.**

A delightful combination of beautiful color

illustrations with a minimum of reading matter to lure the reader through the entire book.

**IN WOODS AND FIELDS**, by Margaret Waring Buck. Cloth: \$3.00, paper: \$1.75.

An accurate yet simple reference book on most of the common nature information for all camper levels, including the director.

## CRAFTS

(See Arts and Crafts)

## FOOD AND FOOD PREPARATION

**EMPLOYEE FEEDING**, by J. W. Stokes. \$3.00.

A reference book clearing up many "knotty" problems of the camp kitchen. Includes chapters on purchasing, receiving and storage, menus, food preparation and many others.

**MENU MAKING FOR PROFESSIONALS IN QUANTITY COOKERY**, by J. O. Dahl. \$4.50.

A reference handbook for food executives, this volume includes menu planning, buying and control and a wealth of other useful and related information.

**THE OUTDOOR CHEF**, by Paul W. Handel. \$3.00.

Many methods of outdoor cooking are given, as well as traditional types of camp cooking. Toothsome menus are suggested to add to the pleasure of the camp cookout.

## GENERAL

**CAMPFIRE ADVENTURE STORIES**, by Allan A. Macfarlan. 1952, \$2.95.

A number of original stories containing much factual information on wood craft, camp craft, fishing, canoeing, Indian lore and hunting.

**CAMPING WITH JUNIORS**, by The National Council of Churches of Christ in USA, Division of Christian Education, 206 S. Michigan Ave., Chicago 4, Ill. Order direct. 50c.

Discusses Christian education in camp and tells how to group campers, train leaders, meet the needs of campers, etc.

**THE FIELD OF RECREATION**, by Walter L. Stone. \$1.00.

This booklet deals with the relationship of camping to other areas of recreation represented in their national organizations.

**HOW TO TURN IDEAS INTO PICTURES**, by H. E. Kleinschmidt, M.D. \$1.00.

The author explains how, with a few simple strokes, one may create pictures of surprising charm for publicity or educational programs.

**INTO THE WORLD**, by Victoria Emerson and James J. Thompson. \$2.00.

Weaves the facts of reproduction in nature and humans into an interesting story for children from nine to twelve years of age.

**PLAYS FOR GREAT OCCASIONS**, by William Thornton Simpson. 1951.

These 24 plays based on historical episodes are designed to provide material for dramatizing our holidays.

**SCHOOL CAMPING**, by George Donaldson. 1952, \$2.25.

Basic statement of the philosophy and methods of the growing school-camp movement.

**SUMMER'S CHILDREN**, by Barbara Morgan. 1951, \$5.00.

A photographic view of life at camp, these pictures of both children and animals are natural and unposed, showing campers in their various activities.

**UNDERSTANDING YOUR SON'S ADOLESCENCE**, by J. Roswell Gallagher, M.D. \$3.00.

A practical treatment of the subject, with a down-to-earth philosophy readily adapted to camp environment.

## HEALTH AND SAFETY

**THE NURSE IN THE CAMP PROGRAM**, published by the National Organization for Public Health Nursing, 2 Park Ave., N. Y. C. 16. Order direct, 50c.

A positive and constructive basis for understanding, planning and executing a health program in camp is ably discussed in this booklet.

## LEADERSHIP

**THE CAMP COUNSELOR**, by Reuel A. Benson and Jacob Goldberg. 1951, \$4.75.

A comprehensive text for counselors, written in simple understandable language. Covers physical, mental, emotional and social needs of campers.

**LEADERSHIP OF YOUTH**, by Ben Solomon. \$3.00.

All who have a stake in the leadership

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## For Younger Readers . . .

### BOY'S BOOK of SNAKES

by Percy A. Morris

Don't believe everything you hear about snakes. Here are the true, far more interesting facts about these misunderstood creatures, showing how useful many of them are.

Tells about useful ones for pets, and gives information about the poisonous snakes, too, including first aid for bites. ". . . will appeal just as strongly to the girls, not to mention their elders of both sexes."—SATURDAY REVIEW OF LITERATURE.

\$3.00

### They HOP and CRAWL

by Percy A. Morris

First hand facts and experiences about reptiles and amphibians of all kinds. Everything that hops and crawls is in this book—together with photographs of the creatures taken in their natural surroundings. Their traits, haunts, food habits, color, dimensions, natural enemies, adaptability as pets, and characteristics are simply explained for readers of all ages. 91 illustrations.

\$3.50



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### Nature Enthusiasts . . .



### THE GREEN EARTH

by Harold W. Rickett

A guide for laymen to the colorful world of botany, discussing in simple, pleasant style the growth and structure of plant life, and the chemistry of the life processes.

". . . an admirable example of what popular science can and should be."—HARVARD LIBRARY'S ISIS. "Beautifully expressed."—JOURNAL OF THE N. Y. BOTANICAL GARDEN. ". . . read for pleasure, and reread for profit."—NEW ZEALAND GARDENER.

\$3.50

### CAMPING — A Guide to Outdoor Safety and Comfort

by Arthur DesGrey

This book gives the "know-how" on such pertinent topics as camp site selection, camp management and routine, sanitation and first aid, recreational activities, and camp hints and aids. Inexperienced campers will find it a complete handbook of means and methods, while the seasoned campers, camp counselors, directors, and leaders of recreational centers will find it an invaluable refresher to their own experience.

\$3.00

**THE RONALD PRESS COMPANY**

15 East 26th St., New York 10

of youth should have this handbook for ready reference. An unusually fine treatise on the subject.

#### RECREATION, by Ferd J. Lipovetz. \$4.50.

A handbook of playground, school and adult recreation for all age groups. A course for camp and playground directors and others interested in this field.

STANDARDS FOR PROFESSIONAL RECREATIONAL PERSONNEL, by California Recreation Commission. \$1.00.

While this volume was prepared for California, much of the data is of universal application to all who serve in the camping field.

### MUSIC

A BOOK OF NEGRO SONGS, compiled and published by Janet E. Tobitt, Pleasantville, N. Y. Order direct, 40c.

A handy collection of 40 negro songs for camp singing. Contains traditional spirituials, work songs, lullabies, ballads and the like.

I. O. C. A. SONG FEST, edited by Dick and Beth Best. \$1.50.

A lively collection of some 300 campfire songs with varied versions and parodies sung in camps all over America.

### NATURE

(See Campcraft and Nature Lore)

### SPORTS, GAMES, etc.

THE BOOK OF GAMES, by G. S. Ripley. 1952, \$5.00.

Comprehensive, up-to-date compilation of group games for boys and girls.

DANCE AWHILE, by Jane A. Harris, Ann Pittman and Maryl Swenson. \$2.50.

A spiral-bound collection of folk, square and social-dance forms. Descriptions are clear and music has been listed.

THE END OF YOUR STUNT HUNT, by Helen and Larry Eisenberg, 2403 Branch St., Nashville, Tenn. Order direct. 50c.

This 50-page booklet is a worthy addition to your dramatic stunt library. A fine collection of light-hearted fun ideas.

GAMES FOR BOYS AND GIRLS, by E. O. Harbin. 1951, \$2.00.

A carefully selected collection of sure-fire games for indoor and outdoor play. Descriptions are clear and most are illustrated.

**GROUP PROCESS IN PHYSICAL EDUCATION, by the Staff of the P. E. Dept. of UCLA. 1951, \$4.50.**

Designed for those of college age, this book describes and advocates group instruction as a method of physical education having a strong influence on social and democratic values.

**MODERN COMEDIES FOR YOUNG PLAYERS, by Mildred Hark and Noel McQueen.**

Here are 23 plays which treat episodes and problems of family life. Bubbling with humor.

**THE PARTY GAME BOOK, by Margaret Mulac and Morean Holmes. \$3.00.**

A handy book providing the party giver with a variety of games and stunts.

**AND PROMENADE ALL, by Helen and Larry Eisenberg, 2403 Branch St., Nashville, Tenn. Order direct. 50c.**

An excellent collection of over 50 folk and square dances, the material provides a progression from simple singing games to fundamental square dances.

**SQUARE DANCES OF TODAY, by Richard Kraus. \$3.00.**

Clearly describes and well illustrates square dances now being danced and taught all over the country.

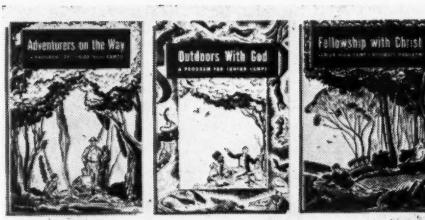
## WATER ACTIVITIES

**BASIC SWIMMING, by Robert Kiphuth and Harry M. Burke. 1950, \$3.00.**

Illustrates beginning and advanced lessons for both children nad adults. Action photographs supplement and amplify text.

**LEARNING TO SWIM IN 12 EASY STEPS, by Adolph Kiefer, Milton A. Gabrielsen and Bramwell W. Gabrielsen. \$3.00.**

Sound educational principles underlie the method presented. Material is well adapted to group instruction.



## Guides to Successful Camping

### LEADER'S GUIDES

Planned to blend an increased awareness of God and a maximum use of the out-of-doors.

### PROGRAM MATERIALS

Planned especially for the church camp; providing guidance toward better Christian living.

### ADMINISTRATIVE AIDS

Four-page leaflets. Size 4" x 9".

- **LET'S GET ACQUAINTED.** To introduce the camper to the leader.
- **TOWARDS BETTER HEALTH.** A pre-camp health record and in-camp treatment.
- **TOWARDS CHRISTIAN CAMPING.** Introduces the counselor to camp leader.
- **THE CHURCH GOES CAMPING.** Contains spiritual background of camper.  
Per hundred — \$2.50
- **CAMP STORE CARD.** For purchase at store. Card punched to record sale. Per hundred — 75¢

Write today for free folder of camping materials.

**THE JUDSON PRESS** 1703 CHESTNUT ST.  
PHILADELPHIA 3, PA.

**SWIMMING AND DIVING, A Naval Aviation Physical Training Manual. 1950.**

Every coach of swimming and diving should profit by this thorough treatment of the subject. Adequately illustrated and useful to both expert and beginner.



**YOUR JOB IS CLEAR  
-- GET IN THE SCRAP  
to keep steel coming**

**NON-FERROUS SCRAP IS NEEDED TOO!**



# CAMPING - FOR ALL

(Theme of the 1952 ACA National Convention)

## Means

**Better Staff  
Better Program  
Better Supplies  
Better Equipment**

## Let This

**Annual Reference Guide  
Help You to Achieve  
Better Camping For All  
in Your Camp**

***Consult it every time you need  
camp operating information***

# BOOKS you'll want to know about

Books briefly reviewed in this section are those which were received more than a year ago. Capsule reviews of later books will be found in the preceding section.

## ADMINISTRATION

**ADMINISTRATION OF THE MODERN CAMP**, edited by *Hedley S. Dimock*. 1948, \$4.00.

Complete reference work on camp administration with Dr. Dimock as general editor and chapters written by leaders in various phases of camp planning and operation.

**THE BOOK OF CAMPING**, by *Robert Rubin*. 1949, \$2.00.

Helpful information on practically every phase of life in camp. Includes many charts such as counselor and camper application blanks, program assignments, food charts, etc.

**CAMPING WITH PURPOSE**, by *Marie Lafferty Cortell*. 1950, \$3.00.

Clear exposition of interrelationship between good camping philosophy and camp operation. Valuable material for directors, committee members, etc.

**CAMPS AND THEIR MODERN ADMINISTRATION**, by *Hazel K. Allen*. \$1.50.

Practical suggestions on business details and procedure.

**THE ESTABLISHED CAMP BOOK**. \$2.50.

For the use of camp directors in securing, planning and operating a Girl Scout established camp. Site selection, layout, securing an adequate staff, food, health and safety, program, business management and public relations are discussed. Organized to show the council's camping responsibilities at each season.

**THE HANDBOOK OF DAY CAMPING**, by

*Mabel Jobe*. 1949, \$3.00.

Information on how to organize a day camp; includes suggestions for complete programs, daily schedules, detailed menus, etc. Full section on staff selection and training.

**HANDBOOK OF YMCA CAMP ADMINISTRATION**, edited by *John E. Ledlie and Ralph D. Roehm*. 1949, \$4.50.

Discusses problems and opportunities of YMCA camping today. Sections on promotion and publicity, business administration, health and safety, and the camp program.

**THE THEORY OF CAMPING**, by *Frank Irwin*. 1950, \$3.00.

A real contribution to the "why" of camping with particular emphasis on the educational aspects of camping.

## ARTS AND CRAFTS

**AMATEUR HANDCRAFT**, by *F. Clarke Hughes*. \$2.50.

Explicit directions for making numerous articles which interest young people. **AMERICAN INDIAN BEADWORK**, by *W. Ben Hunt and J. F. Burshears*. 1951, \$5.00.

Fundamentals, methods and designs of Indian beadwork; many photos and color plates.

**APPLIED LEATHERCRAFT**, by *Chris H. Groneman*. \$3.95.

For advanced leather workers. Contains a section on Boy Scout accessories.

**BLOCK PRINTS, HOW TO MAKE THEM,** by William S. Rice. \$3.00.

Complete information on history and practice of printing with blocks.

**CREATIVE CERAMICS**, by Katherine M. Lester. \$4.00.

Pictures and discusses techniques for use of clay in making a wide variety of handicraft projects.

**CREATIVE CRAFTS IN WOOD**, by Michael C. Dank. 1945, \$2.95.

Gives explicit directions and materials, technical names for tools used and many patterns.

**EASY CRAFTS**, by Ellsworth Jaeger. 1950, \$2.25.

Simple craft projects for untrained hands, using inexpensive and easily secured materials. Graphically illustrated.

**EVERYBODY'S HANDICRAFT HANDBOOK.** 1946, \$2.00.

Subject matter ranges from woodcarving and blockprinting to puppetry.

**THE FLAT Bow**, by W. Ben Hunt and John J. Metz. 75 cents.

Step-by-step directions for making the American bow, bowstrings, arrows, etc.

**FUN WITH SCRAPS**, by Viola Hening. \$3.00.

Attractive and useful objects made from a wide variety of discarded materials.

**GENERAL LEATHERCRAFT**, by Raymond Cherry, Third Edition. 1949, \$1.50.

A good book on leathercraft with brief instructions and many helpful pictures. A good selection of suggested projects.

**HANDICRAFT—SIMPLIFIED PROCEDURE AND PROJECTS**, by Lester Griswold. \$4.00.

Ninth edition of 480 page book by a nationally known craftwork expert. Covers leather, plastics, metals, wood, fabrics, rope and cordage, pottery, weaving, basketry and bookbinding.

**HANDICRAFTS AND HOBBIES FOR PLEASURE AND PROFIT**, edited by Marguerite Ickis. 1948, \$2.98.

310 pages giving the "how to" of making over 500 articles by 30 of the most popular handicraft methods.

**HANDICRAFTS OF NEW ENGLAND**, by Allen H. Eaton. 1949, \$5.00.

Outstanding guide for both artists and laymen for appreciation and knowledge of handicraft in American color.

**HANDICRAFTS OF THE SOUTHERN HIGHLANDS**, by Allen H. Eaton. 1937, \$3.50.

All types of mountain handicrafts, mountain music and handmade instruments, pottery and the uses of clay.

**HANDWEAVING WITH REEDS AND FIBERS**, by Gallinger and Benson. 1948, \$3.00.

How to gather native materials for weaving. Contains clear cut, easily followed instructions for the beginner.

## The Smart Thing To Do --

when you need books on camping is to order all from one source.

With one check, one letter, you can order any of the books mentioned in YOUR CAMPING LIBRARY.

You save time, trouble and money. Just list your needs and send order, with check, to:

**Galloway Publishing Co.**

**Book Department**

**705 Park Avenue, Plainfield, N. J.**

**HOW TO MAKE POTTERY AND OTHER CERAMIC WARE**, by *Muriel P. Turoff*. 1949, \$2.95.

Clear and practical instructions showing how to design, make, decorate and handle articles of clay.

**INDIANCRAFT**, by *W. Ben Hunt*. 1942, \$3.00.

How to make many interesting Indian accessories.

**KEEPING IDLE HANDS BUSY**, by *Marion R. Spear*. 1950, \$1.75.

A "what-to-do" guide of craft ideas which utilize waste materials.

**LET'S MAKE A LOT OF THINGS**, by *Harry Zarchy*. 1948, \$2.75.

Useful and attractive things to be made from metal, clay and leather, and the materials and tools needed are described and illustrated.

**LET'S WHITTLE**, by *Leroy Pynn, Jr.* \$2.60.

Devoted almost entirely to animal subjects.

**METAL FOIL TOOLING BOOK OF DESIGNS**. \$1.50.

Contains full instructions and over 30 pages of designs.

**MODERNISTIC CHIP CARVING**, by *Vic Mankin*. \$1.25.

Scores of projects to make with skew chisel or pocketknife.

**NATURE CRAFTS**, by *Ellsworth Jaeger*. 1950, \$2.49.

A wide variety of craft projects using our fields and woods as a source of supply.

**ORNAMENTAL TINCRAFT**, by *Chris H. Groneman*. 1950, \$3.00.

Useful objects which can be made from tin cans.

**PALMETTO BRAIDING AND WEAVING**, by *Viva Cooke and Julia Sampley*. \$3.00.

Offers suggestions for the use of many materials other than palmetto, including other palms, yucca, rushes, cattails, grasses and corn shucks.

**POTTERY MADE EASY**, by *John W. Dougherty*. 1950 (new printing), \$2.75.

Descriptions of how clay is used to make many interesting objects.

**THINGS TO MAKE FROM ODDS AND ENDS**, by *Jessie Robinson*. 1945, \$2.00.

Excellent material on natural handcraft.

**USE OF NATIVE CRAFT MATERIALS**, by *Margaret Eberhardt Shanklin*. \$2.45.

Though straw, corn, grass and rush are considered, nearly half the book is given over to clay modeling.

**WATER COLOR PAINTING IS FUN**, by *Frank A. Staples*. 1948, \$3.50.

Gives basic facts about landscape water-color painting. Information on what to paint first, colors to use, how to handle problem of perspective, etc.

**WHITTLING AND WOODCARVING**, by *E. J. Tangerman*. 1936, \$4.95.

Twenty-five chapters giving complete instruction on all phases of whittling and woodcarving, by the author of the Boy Scout Merit Badge pamphlet on woodcarving.

**WOOD CARVING MADE EASY**, by *J. I. Sowers*. \$2.25.

Wide variety of designs, with simplified instructions.

**YOU CAN WHITTLE AND CARVE**, by *Franklin H. Gottshall and Amanda Hellum*. \$3.00.

Simple directions and graphic illustrations of whittling and carving projects.

**107 LEATHERCRAFT DESIGNS**, by *John W. Dean*. 1950, \$2.00.

Helpful aid to the craftsman, containing designs for a variety of projects, all scaled to actual size.

## BUILDINGS

(See Site, Buildings and Equipment)

## CRAFTS

(See Arts and Crafts)

## CAMP CRAFT, NATURE LORE

THE AMATEUR NATURALIST'S HANDBOOK, by Vinson Brown. 1948, \$3.50.

How to study animals, plants, rocks, climate, in any part of the United States. Sections on how to recognize, classify, dissect or preserve plants.

THE ART OF LIVING OUT OF DOORS IN MAINE. 1950, \$1.50.

Detailed outline of program preparing campers for famous junior Maine guide awards.

BEGINNERS GUIDE TO SEASHORE LIFE, by Leon A. Hausman. 1949, \$2.00.

A must for every director, counselor, camper whose camping adventures bring them to the seashore.

BEGINNER'S GUIDE TO WILD FLOWERS, by Ethel Hinckley Hausman. \$3.50.

Arranged to bring together in one section all flowers predominantly white, those that are yellow in another section and so on, for easy identification.

BIRDS, by Herbert S. Zim and Ira N. Gabrielson. 1949, \$1.00.

118 illustrations of birds in color. Also includes range maps and many facts about the traits and habits of birds, where and how to find them.

THE BOOK OF NATURE HOBBIES, by Ted Pettit, illustrated by Don Ross. 1947, \$3.50.

The author makes the study of nature tremendously interesting. Almost every type of nature hobby is included.

BOY'S BOOK OF SNAKES, by Percy A. Morris. 1948, \$3.00.

A dependable guide to non-poisonous snakes and the few poisonous snakes there are in this country. The colors of each species are carefully described and their habits are fully explained.

BOY'S COMPLETE BOOK OF CAMPING, by Stanley Pashko. 1951, clothbound, \$2.50.

An illustrated boys' book telling how to plan and enjoy a perfect camping trip

whether by canoe, bike, or afoot. Also shows how to make much of the important camping equipment needed in the woods. Suited for all children between 9 and 16.

CAMPING, by Arthur H. DesGrey. 1950, \$3.00.

Practical information and "know-how" on outdoor safety and comfort. Liberally illustrated.

CAMPING AND WOODCRAFT, by Horace Kephart. 1923, \$2.95.

The camper's bible. Old but excellent.

CAMPING CAN BE FUN, by Robert W. Weaver and Anthony F. Merrill. \$3.00.

Elementary information such as how to choose a camp site, pitch a tent, select camp equipment, draw up a camp menu, build a fire, etc.

EDIBLE WILD PLANTS, by Oliver Perry Medsger. \$4.00.

Classifications include fruits, nuts, seeds, salad plants, roots, flavoring, mushrooms, sugars and gums.

FIELD BOOK OF NATURAL HISTORY, by E. Laurence Palmer. 1949, \$8.00.

A one volume nature encyclopedia, giving information on plants, trees, fish, birds, stars, animals, etc.

FIELD BOOK OF NATURE ACTIVITIES, by William Hillcourt. 1950, \$3.95.

320 pages of projects, ideas, and information on how to make nature come alive as camp program material.

FIELD GUIDE TO THE BIRDS, by Roger Tory Peterson. 1949 (Revised), \$3.75. Up-to-date edition of Peterson's authoritative book on bird lore.

A FIELD GUIDE TO THE SHELLS OF OUR ATLANTIC AND GULF COASTS, by Percy A. Morris. 1951, \$3.75.

Excellent book containing more than 40 full pages of photographs and pictures with text and pictures cross-referenced for easy reading.

HOW TO KNOW THE BIRDS, by Roger Tory Peterson. 1949, \$2.00.

What to look for in bird identification—the size and shape of the bird, how it acts and how it flies; where it is found and how to learn to recognize its voice.

THE JUNIOR BOOK OF CAMPING AND WOODCRAFT, by Bernard S. Mason. 1943, \$3.50.

Excellent book, interesting and useful to campers as well as counselors.

NATURE QUESTS AND QUIZZES, by Raymond T. Fuller. \$1.50.

Makes a game of nature observing.

NEW HANDBOOK OF THE HEAVENS, by Bernard, Bennett and Rice; second edition. 1948, \$4.50.

An interesting guide to the study and enjoyment of astronomy. Revised and brought up to date throughout, it covers every aspect of the subject.

OUTDOOR ACTIVITIES FOR IN-TOWN GROUPS, by Margaret Chapman, Marie Gaudette, and Catherine Hammett. 1948, 50 cents.

Twenty loose-leaf sheets with drawings and suggestions for outdoor activities of all kinds. Preparations for hikes and trips, how to make your own hike kit, bringing the stars indoors, etc., are only some of the tips given.

PROGRAM HELPS FOR CAMP LEADERS, by the Rafter Crafters. 50 cents.

Twenty loose-leaf sheets carry descriptive drawings and explanations of camp activities such as outdoor cooking, wood carving, transplanting a tree, etc.

THE SCOUT FIELD BOOK. 1948, \$1.00.

Over 1,000 pictures and text on all sorts of outdoor activities; applicable not only to Scout camps but to practically all others as well.

SKYSHOOTING, "HUNTING THE STARS

WITH YOUR CAMERA", by R. Newton and Margaret L. Mayall. 1949, \$3.75.

Unique 174-page book on the fun of photographing the heavens, for counselors and campers.

SNAKES, by Herbert S. Zim. 1949, \$2.00.

Everything about snakes in simple text and black and white drawings. How they bear their young, how they grow, the ways by which they move. Destroys many of the superstitions about snakes which have no basis in fact.

TRACKS AND TRAILCRAFT, by Ellsworth Jaeger. 1948, \$3.95.

Excellent portrayal, by means of line drawings, of tracks, habitat and habits of North American animals.

WAY OF THE WILDERNESS, by Calvin Rustrum. 1946, \$2.50.

Best book on wilderness camping to appear in many years.

WEBS IN THE WIND, by Winifred Duncan. 1949, \$4.50.

Excellent educational material on the habits of web weaving spiders told in delightful, easy reading fashion.

WILDWOOD WISDOM, by Ellsworth Jaeger. 1945, \$3.49.

Written by a man with a deep understanding of nature, as well as a thorough knowledge of the out-of-doors. Sections on primitive handcrafts and outdoor carpentry and on useful plants are exceptionally valuable.

YOUR OWN BOOK OF CAMP CRAFT, by Catherine T. Hammett. 1950, 35 cents.

Delightful book bringing camping "know-how" in teen-age language.

## EQUIPMENT

(See Site, Buildings, Equipment)

## FOOD, FOOD PREPARATION

CAMP COOKERY, by Horace Kephart. 1934, \$1.95.

A perennial favorite. Excellent for

advanced campers and pioneering groups. The section on cooking of game is exceptional.

**CHEF'S GUIDE TO QUANTITY COOKERY**, by *J. H. Breland*. 1947, \$6.00.

Gives recipes based on 25 portions. Quantities of ingredients are stated both by volume and weight.

**COOKING OUT-OF-DOORS. \$1.00.**

The more than 200 recipes given here include those from other lands and different parts of the United States. Contains many illustrations and helpful tables and charts.

**FOOD COST CONTROL**, by *J. O. Dahl*, revised edition. 1949, \$1.00.

Contains helpful hints on buying food and cutting costs. Also includes interesting charts on cooking food, with tips on how to avoid wastage.

**FOOD AND NUTRITION MANUAL FOR INSTITUTIONS**, by *Margaret M. Walsh*. 1950, \$2.00.

Tips for a better camp kitchen with ideas on marketing, menus, cookery, sanitation, and equipment.

**GROUP FEEDING**, by *Clifford Allen Kaiser*, second edition. 1946, \$7.00.

Complete compilation of information on preparing menus and cooking and serving food for large groups.

**KITCHEN PLANNING FOR QUANTITY FOOD SERVICE**, by *Arthur W. Dana*. 1949, \$5.00.

Particularly good sections on storage space, equipment layout, dishwashing, seating arrangements.

## GENERAL

**ACTIVITIES FOR SUMMER CAMPS**, by a group of selected authors. 1948, \$1.25.

Many good ideas in the fields of arts and crafts, nature study, music and dramatics.

**ADVENTURE INTO FRIENDSHIP**, by *Rodney Britten*. \$1.25.

Camping as Christian group-living in the outdoors, is the theme of this book, which covers general administrative and daily program plans.

**A BOY GROWS UP**, by *Harry C. McKown*, second edition, 1949, \$3.75.

Guide for 'teen-age boys on the problems of growing up.

**CAMP FIRE AND COUNCIL RING PROGRAMS**, by *Allan A. Macfarlan*. 1951, \$2.50.

An exciting new selection of games, international in scope, for use around camp fires.

**THE CAMP PROGRAM BOOK**, by *Catherine T. Hammett and Virginia Musselman*. 1951, \$5.00.

A complete program book containing planning, in-camp and out-of-camp activities, and some specific plans for programs.

**CAMPING AND OUTDOOR EDUCATION**, edited by *L. B. Sharp and E. DeAlton Partridge*. \$1.50.

Deals with the school's relationship to camping and outdoor education.

**COUNCIL FIRES**, by *Ellsworth Jaeger*. 1949, \$2.95.

Discusses each step in staging a successful council fire. Directions for fire building, making council rings, and conducting programs are all included.

**CREATIVE PLAY ACTING**, by *Isabel B. Burger*. 1950, \$3.00.

Designed to instruct both teacher and pupil with the fundamentals of "creative" acting.

**DANCES AND STORIES OF THE AMERICAN INDIAN**, by *Bernard S. Mason*. Reissued, 1950, \$5.00.

A must for Indian lore instructors and enthusiasts. The author describes Indian dances spiritedly with aid of

drawings showing fundamental steps and positions.

#### EXTENDING EDUCATION THROUGH CAMPING. \$1.25.

A report of the school-camp experiment authorized by the Board of Education of New York City conducted in cooperation with Life Camps Inc.

A GIRL GROWS UP, by Ruth Fedder, second edition. 1948, \$3.25.

Guide for 'teen-age girls to solution of adolescent difficulties and adjustments necessary to the process of growing up.

HOW TO BUY BEDDING, by Grete M. Dahl. 1949, \$1.29.

Gives suggestions as to the purchase, use and care of mattresses, springs, pillows, sheets, blankets, pads and spreads. Excellent material on how to make mattresses last longer.

TWENTY TEPEE TALES FOR "Y" INDIAN GUIDES, by M. M. Lotz and Douglas Monohan. 75 cents.

Fine resource book of Indian stories for telling to boys 7 through 9.

### HEALTH AND SAFETY

POLIO AND ITS PROBLEMS, by Roland H. Berg. 1948, \$3.00.

Discusses the cause, cure and prevention of polio as well as the obstacles still to be overcome in fighting the disease.

### LAND SPORTS AND GAMES

DESIGN FOR TENNIS, by Mary K. Browne. 1949, \$3.00.

A textbook for tennis instructors with numerous helpful pictures. Shows how to organize and teach a tennis team.

THE GAME BOOK, by Margaret Mulac. \$2.50.

Has all the answers to planning for recreation, games and game leadership.

GAMES AND RECREATIONAL METHODS, by Charles F. Smith. \$3.75.

Twenty-five chapters on camping skills, games and leadership ideas. Can be used by Clubs, Camps, and Scouts. 503 illustrations and diagrams.

HONOR YOUR PARTNER, by Ed Durlacher. 1949, \$7.50.

Contains 81 American Square Dances with complete instructions for doing them. Easy-to-play music accompanies text; instructions for the caller are also given.

THE HORSEMAN'S COMPANION, by Margaret Cabell Self. 1949, \$3.00.

Lots of knowledge on horses, told in style, highly appealing to children of camp age, but entertaining reading for staff as well.

LAWN TENNIS FOR TEACHERS AND PLAYERS, by Major T. Moss for The Lawn Tennis Association. 1949, \$2.50.

Simply written guide for teaching and developing technique and strategy of play.

PARTNER'S ALL—PLACES ALL, by Miriam H. Kirkell and Irma K. Schaffnit. 1949, \$3.95.

44 square dances with music and calls. Contains a list of suggested programs for an evening of square dancing.

RIFLE MANUAL, by R. C. Wilson. 1950 (revised), \$1.40.

Standard rules and practices for competitive rifle shooting. Contains safety rules, range procedure, sportsman's code and nomenclature.

SHOOTING THE BOW, by Larry C. Whiffen. \$2.00.

Complete instructions in simple, clear and direct language, on using the bow and arrow.

THE WAY OF THE STORYTELLER, by Ruth Sawyer. 1942, \$2.50.

A "must" for the storyteller.

## LEADERSHIP

THE ART OF LEADERSHIP, by *Ordway Tread.* 1935, \$3.75.

A book on leadership techniques, qualities and methods for the entire camp personnel.

CAMP COUNSELING, by *A. Viola Mitchell and Ida B. Crawford.* 1950, \$4.50.

Carefully treated and fully documented text recommended for study by all counselors and counselors-in-training.

CAMP COUNSELOR TRAINING WORKBOOK, by *Marie Hartwig and Florence Peterson.* 1950, \$2.00.

A training guide for camp counselors in workbook form that may be developed by the individual counselor.

THE CAMP COUNSELOR'S MANUAL, by *John A. Ledlie and Francis W. Holbein.* 1947, 75 cents.

An excellent tool for training courses.

A CAMP DIRECTOR TRAINS HIS OWN STAFF, by *Catherine T. Hammett.* 50 cents.

32 page booklet concerned with the ways in which a director can train his staff to do a more effective job.

CAMP LEADERSHIP COURSES FOR COLLEGE AND UNIVERSITIES. \$1.00.

This American Camping Assn. workshop report is intended to serve as a guide for college courses. An excellent syllabus for instructors and workbook for students.

GOING TO CAMP—A GUIDE TO GOOD CAMPING, by *Helen L. Beck.* 1950, \$1.95.

Primarily intended as pre-camp training for campers but also a worthwhile guide for use by directors in counselor training courses.

GROUP WORK WITH AMERICAN YOUTH, by *Grace Longwell Coyle.* 1948, \$3.50.

Good study, in 270 pages, on youth

leadership. Excellent sections on grouping, programming, etc.

SO YOU WANT TO BE A CAMP COUNSELOR, by *Elmer F. Ott.* 1946, 75 cents.

Many practical tips for counselors and directors who are planning their counselors' training course.

## MUSIC

THE DITTY BAG, compiled by *Janet E. Tobitt.* 1946, 85 cents.

A group of 177 songs from some 30 different countries. Includes folk songs, hymns and carols, rounds and canons. Adaptable to all age groups.

FIRESIDE BOOK OF FOLK SONGS. \$5.00.

Beautifully illustrated, it contains 147 of the great ballads and old favorites, sea chanties, cowboy songs, hymns, etc.

LET'S HAVE MUSIC, edited by *Music Committee, National Board, YWCA.* 1948, 75 cents.

How to plan musical programs, "songs," and what qualities to look for in a good music leader are discussed in this book.

## NATURE

(See Campcraft and Nature Lore)

## SITE, BUILDINGS AND EQUIPMENT

BUILDING A LOG CABIN, by *Ben Hunt.* \$3.00.

Tells all you need to know about building two or three room all-weather cabins, based on the author's experience.

CABINS, COTTAGES AND SUMMER HOMES, by *Bernard S. Mason and Frederick H. Kock.* Paper Bound, \$2.00.

Plans are given for buildings ranging from open sided Adirondack log lean-to to a six room, two-story home.

**CAMP SITE DEVELOPMENT**, by Julian H. Salomon. 1948, \$4.00.

Plans and drawings with pertinent information on all types of camp buildings.

**CAMP SITES AND FACILITIES**, by Boy Scouts of America. 1950, \$2.50.

Every aspect of camp planning, site lay-out, and development, buildings, program facilities, sanitation and water supply. Also a much needed chapter on land management.

**LAYOUT, BUILDING DESIGNS AND EQUIPMENT FOR YMCA CAMPS**, prepared under the direction of John Ledlie. 1946, \$3.00.

## **SPORTS AND GAMES (See Land Sports and Games)**

### **WATER SPORTS AND GAMES**

**AQUATIC STANDARDS FOR YMCA CAMPS**, by Thomas Kirk Cureton and Richard H. Pohndorf. 75 cents.

Deals with waterfront layout, administration and organization. Includes canoeing standards and tests.

**BEGINNING SYNCHRONIZED SWIMMING**, by Betty Spears. 1950, \$2.00.

Covers synchronized swimming from beginners groups to water shows.

**A CAMP AQUATIC PROGRAM**, by R. H. Bearse and S. C. Hazelton. 1949 (revised), \$2.35.

A complete handbook for setting up a waterfront program for both small and large camps, with sections on swimming as well as boating.

**CANOEING—A-Z**, by Ruth Elvedt. 1948, \$1.50.

Forty-three mimeographed pages of instruction on canoe selection, care, repair, teaching canoeing in camp, organizing trips and meets, etc.

**CANOEING MANUAL**. \$1.00.

Prepared by a committee of the New England ACA Section, this is a good all-around resource book covering all areas of canoeing program in camps.

**CANOEING STANDARDS OF ACA**. 50 cents.

**DIVING MANUAL FOR INSTRUCTORS**, by S. C. Hazelton and C. A. Pulis. 1950 (revised), \$1.85.

A comprehensive course for beginners, intermediates, fancy divers, and advanced fancy divers.

**FUN IN THE WATER**, by Thomas Kirk Cureton, Jr. 1949, \$4.00.

A complete recreational guide for organized team competitions, stunts and contests in the water. Swimming instructors and waterfront counselors will find this book invaluable.

**MANUAL OF LIFE SAVING AND WATER SAFETY INSTRUCTION**, by Charles E. Silva. 1950, \$4.50.

Authoritative text book on YMCA program in life saving and water safety instruction. Over 200 photographs in 175 pages make this a worthwhile book for all camp leaders.

**A MANUAL OF SAILING**, by Russell and Margaret A. Varney. 1948 (revised), \$1.40.

The fundamentals of sailing on inland waters emphasizing use of small boats.

**MORE FUN IN THE WATER**, by Eidola Jean Bourgaize. 1951, \$2.00.

Water games for both swimmers and non-swimmers including a chapter on teaching swimming.

**RHYTHMIC SWIMMING**, by Katharine Curtis. 1942, \$2.25.

Source book of material adaptable for use in complete swimming program with hints on stunt and synchronized swimming.

**THE TEACHING AND COACHING OF SWIMMING, DIVING AND WATER SPORTS (revised), by Ferd John Lipovetz. 1949, \$3.00.**

Section on water games makes this good material for camp staff libraries although the book is primarily designed for school and college coaches.

**TEACHING SWIMMING, by Paul Lukens. 1948, \$1.50.**

A textbook of solid coaching material.

## **WORSHIP**

**SERVICES FOR THE OPEN, by Laura I. Mattoon and Helen D. Bragdon. \$2.50.**

Fine and usable book of camp services, poems and hymns.

**WE WORK WITH GOD, by Caroline C. Pineo, Lois Blankenship, and Martha J. Whitmore. 1949, \$1.25.**

Program with a religious background for a two week camp for Juniors.

## **SPEAKING OF BOOKS . . .**

Ralph Waldo Emerson wrote: "There are many virtues in books, but the essential value is the adding of knowledge to our stock by the record of new facts."

Does your own reference shelf of books on camping philosophy and technique contain the best of the new books, so that you and your staff can be always "adding knowledge . . . by the record of new facts?" Does the library in your camp, used by your campers, contain the best of the new books, so that their eager young minds can also "add knowledge" . . . by the record of new (to them) facts?"

### **Check the Booklist**

on page 122 through 136 of this issue. Add to your library those volumes for which you feel a need.

### **Check the Book Reviews**

which appear every month in *Camping Magazine*. These expert appraisals, by experienced camp operators, will enable you to choose wisely additional books for your collection..

## Camp Director's

# BUYING GUIDE

A handy, convenient, time saving list of sources  
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### Advertising Materials

See Banners and Pennants; Post Cards;  
Trophies and Mementos

### Advertising, Publication

Cosmopolitan Magazine  
Harper's Bazaar  
New York Herald Tribune  
The New York Times  
Parents' Magazine  
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Tri-Tix, Inc.

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Edward Don & Co.  
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### Addresses . . .

of all companies listed in this Section  
will be found in the Alphabetical Index  
of Suppliers beginning on page 154.

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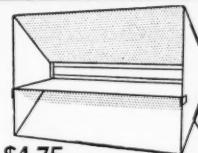
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Parke-Hill Chemical Corp.  
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Chipman Chemical Co., Inc.  
Grasselli Chemical Dept.  
Modern Swimming Pool Co., Inc.  
Parke-Hill Chemical Corp.  
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## Wood Preservatives

See Paint, Camp, Special

## Yarns, Weaving

American Handicrafts Co., Inc.  
The Arts Cooperative Service, Inc.  
Cleveland Crafts Co.  
Ken-Kaye Crafts Co.  
LeisureCrafts  
Lily Mills Co.  
Magnus Brush & Craft Materials

# Alphabetical Index of SUPPLIERS

Suppliers located through the Buying Guide Section, pages 137 to 154, may be contacted at the addresses listed below.  
Advertisers in this issue are listed in bold face.

- A
- Abbott Supply Co., 7721-12th Street, Detroit, Mich.  
Abingdon - Cokesbury Press, 150 Fifth Ave., New York 11, N. Y.  
**Ackley Equipment Co., 755 10th Ave., New York 19, N. Y.**  
See Page 145  
Acme Boat Co., E. Pearl St., Miamisburg, Ohio  
Ahrens Mfg. Co., Inc., Grinnell, Iowa  
Alladdin Books, 55 Fifth Ave., New York 3, N. Y.  
**Alcort, Inc., 1172 N. Main Street, Waterbury 36, Conn.**  
See page 89  
**Aircraft Co., Box 329, Bronxville 8, New York**  
See page 90  
All-Good Chair Co., Algood, Tenn.  
Alpha Pencil Co., 70 Fulton St., New York 38, N. Y.  
Alston Studios, Inc., 110 East St., East Weymouth, Mass.  
**American Sales Co., 1086 Washington St., Boston 18, Mass.**  
See Page 152  
American Aerovap, Inc., 170 West 74th St., New York 23, N. Y.  
American Art Clay Co., 4714 W. 16th St., Indianapolis 8, Ind.  
American Camping Assn., 343 S. Dearborn St., Chicago 4, Ill.  
American Gas Machine Co., 505 Front St., Albert Lea, Minn.  
**American Handicrafts Co., Inc., 45-49 S. Harrison St., East Orange, N. J.**  
See page 79  
**American Playground Device Co., Drawer 790, Anderson, Ind.**  
See page 10.
- Appleton - Century - Crofts, Inc., 35 W. 32nd St., New York 1, N. Y.  
Armour & Co., 4301 S. Racine Ave., Chicago 9, Ill.  
Arnold, Schwinn & Co., 1718 N. Kildare Ave., Chicago 39, Ill.  
Arrow Leather Goods Mfg. Co., 1439 N. Halsted St., Chicago 22, Ill.  
**Art Handicrafts Co., 26 Frankfort St., New York 38, N. Y.**  
See Page 145  
**Art in Leather, 411 Joseph Ave., Rochester 5, N. Y.**  
See Page 145  
The Arts Cooperative Service, Inc., 340 Amsterdam Ave., New York 24, N. Y.  
Arts and Crafts Supply Co., 108-119 W. Mulberry St., Baltimore 1, Md.  
**Artvue Post Card Co., 225 5th Ave., New York 10, N. Y.**  
See page 149  
**Association Films, Inc., 347 Madison Ave., New York 17, N. Y.**  
See page 149.  
Association Press, 291 Broadway, New York 7, N. Y.  
The Athletic Institute, 209 So. State St., Chicago 4, Ill.  
Auburn Leather Products, 25 Paul St., Auburn, N. Y.  
Audio-Master Corp., 341 Madison Ave., New York 17, N. Y.  
Award Incentives, 200 William St., New York 38, N.Y.
- B
- Bailey & Himes, Inc., 606 E. Green, Champaign, Ill.  
**Barnard Guards, 2183 Hendon Ave., St. Paul 8, Minn.**  
See pages 148 and 152

- A. S. Barnes & Co., Inc., 232 Madison Ave., New York 16, N. Y.
- Barney's Army Store, 815-817 N. 6th St., St. Louis 1, Mo.  
See page 104.
- Barton Products, Inc., Defiance, Ohio.
- Bassett's Bait & Boat Co., 46 Berkshire Ave., Springfield 9, Mass.
- Beetle Boat Co., Inc., Grinnell St., New Bedford, Mass.
- Bell Ceramics, Inc., 21 Midland Ave., Montclair, N. J.  
See page 140
- Bell & Howell Co., 7100 McCormick Rd., Chicago 45, Ill.
- Bender Playground Co., P. O. Box 1789, Shreveport, La.
- Charles A. Bennett Co., Inc., 237 N. Monroe, Peoria 3, Ill.
- Alfred Berman & Co., 501 Fifth Ave., New York 17, N. Y.  
See page 119.
- Bernard Food Industries, Inc., 559 W. Fulton St., Chicago 6, Ill.
- Bersted's Hobby Craft, Inc., W. 10th Ave., Monmouth, Ill.
- Bicycle Institute of America, Inc., 122 E. 42nd St., N. Y. 17, N. Y.
- G. S. Blakeslee & Co., 1825 S. Laramie Ave., Cicero, Ill.
- Block Artists' Materials Co., 72 Weybosset St., Providence 3, R. I.  
See page 137.
- The G. S. Blodgett Co., Inc., 50 Lakeside Ave., Burlington, Vt.
- Boin Arts & Crafts Co., 10 DeHart St., Morristown, N. J.  
See page 137.
- Boonton Molding Co., 326 Myrtle Ave., Boonton, N. J.
- The Borden Co., 350 Madison Ave., New York 17, N. Y.
- Bowman, Inc., 1823 Woodrow, Little Rock, Arkansas.
- Stanley Bowmar Co., 513 W. 166th St., New York 32, N. Y.
- Boy Scouts of America, 2 Park Ave., New York 16, N. Y.
- Bradley Washfountain Co., 2203 W. Michigan St., Milwaukee 1, Wis.  
See page 56.
- Milton Bradley Co., Springfield, Mass.
- Brotherhood Mutual Life Insurance Co., 230 E. Berry St., Fort Wayne 2, Ind.  
See page 118.
- The Brownlee Company, 3506 Guardian Bldg., Detroit 26, Mich.
- The Bruce Publishing Co., 540 N. Milwaukee St., Milwaukee 1, Wis.
- Burgess Handicraft Stores, 182 N. Wabash Ave., Chicago 1, Ill.
- Burgess Publishing Co., 426 S. 6th St., Minneapolis 15, Minn.
- C
- CVH Laboratories Co., 320 E. Passaic Ave., Bloomfield, N. J.  
See page 137.
- Camp Archery Assoc. of the U. S., 200 Coligni Ave., New Rochelle, N. Y.
- Camp Chemical Co., Inc., 13th St. and 2nd Ave., Brooklyn 15, N.Y.
- Camp Publications, Bar Harbor, Me.
- Camp & Trail Outfitters, 112 Chambers St., New York 7, N. Y.
- The Camp Shop, Inc., 562 5th Ave., New York 36, N. Y.
- Campus Promotions, 140 W. 42nd St., New York 36, N. Y.
- Carbo-lineum Wood Preserving Co., 528 W. Highland Ave., Milwaukee 11, Wisc.
- J. & J. Cash, Inc., Chestnut St., S. Norwalk, Conn.  
See page 10.
- Central Felt Co., Inc., 24-26 W. 25th St., New York 10, N. Y.
- Central Machine Works Co., 1234 Central, N. E., Minneapolis 13, Minn.
- Champion Dishwashing Machine Co., 311 State St., Erie, Pa.
- Champion Knitwear Co., Inc., 71-77 St. Paul St., Rochester 4, N. Y.
- Chesebrough Mfg. Co., Consd., 17 State St., New York 4, N. Y.  
See page 61.
- Chetek Boat Corp., Chetek, Wisconsin.
- Chin & Lee Co., 123 Bank St., New York 14, N. Y.  
See page 42.
- Chipman Chemical Co., Inc., Bound Brook, New Jersey.
- Cincinnati Lithographing Co., Inc., 38 W. McMicken Ave., Cincinnati 10, Ohio.
- Cleveland Crafts Co., 737 Carnegie Ave., Cleveland 15, Ohio.  
See pages 76 and 137.
- The Cleveland Welding Co., Cleveland 7, Ohio.
- The Coleman Co., Inc., Wichita 1, Kansas.
- The Colson Corp., Elyria, Ohio.
- Columbia First Aiders, 2436 Bdyn Mawr, Chicago 45, Ill.
- Comstock Publishing Associates, 124 Roberts Pl., Ithaca, N. Y.
- M. L. Condon Co., Inc., 270 Ferris Ave., White Plains, N. Y.
- J. J. Connolly, 181 William St., New York 38, N. Y.
- Continental Casualty Co., 310 S. Michigan, Chicago 4, Ill.
- Cosmopolitan Magazine, 57th St., at 8th Ave., New York 19, N. Y.
- Craft Service, 337 University Ave., Rochester 7, N. Y.  
See page 73.
- Crafters of Pine Dunes, 105 Maple Ave., Oostburg, Wis.  
See page 80.

The Craftint Mfg. Co., 1615 Collamer, Cleveland 10, Ohio.  
Crown Publishers, 419 Fourth Ave., New York 16, N. Y.  
Crosman Arms Co., Inc., 15 Henrietta St., Rochester, N. Y.

## D

Dahl Publishing Co., 74 West Park Place, Stamford, Conn.  
**Daisy Mfg. Co., 100 Union St., Plymouth, Michigan.**  
See page 163.

The John Day Co., 62 West 45th St., New York 36, N. Y.  
Stephen Daye Press, 105 E. 24th St., New York 10, N. Y.  
Dearborn Leather Co., 8625 Linwood, Detroit, Mich.  
Delta Electric Co., Marion, Indiana.  
T. S. Denison & Co., 321 5th Ave. South, Minneapolis 15, Minn.  
**Design Craft, Inc., 4810 N. Drake Ave., Chicago, Ill.**  
See page 145.  
The Devin-Adair Co., 23 E. 26th St., New York 10, N. Y.  
Didier, Publishers, 660 Madison Ave., New York 21, N. Y.  
**R. E. Dietz Co., 225 Wilkinson St., Syracuse 1, N. Y.**  
See page 117.  
Dodd, Mead & Co., 432 Fourth Ave., New York 16, N. Y.  
**Dolphin Swimming Pool Co., Inc., 57 S. Sawmill River Rd., Elmsford, N. Y.**  
See page 139.  
Edward Don & Co., 2201 So. LaSalle St., Chicago 16, Ill.  
**Doughnut Corp. of America, 393 7th Ave., New York 1, N. Y.**  
See page 48.  
B. F. Drakenfeld & Co., Inc., 45 Park Pl., New York 7, N. Y.  
R. Alice Drought, Auer Park, Pewaukee, Wis.  
Drucker Surplus Co., Inc., 648 Broadway, New York 12, N. Y.  
E. P. Dutton & Co., Inc., 300 Fourth Ave., New York 10, N. Y.  
**Dwinnell Craft Supply Co., 2312 National Rd., Elm Grove, Wheeling, West Va.**  
See page 137.

## E

Educators Progress Service, Box 497, Randolph, Wis.  
Eisenberg, Helen & Larry, 2403 Branch St., Nashville, Tenn.  
Emeco Corp., Maple Ave., Hanover, Pa.  
**C. F. Emling Co., 1401-13 W. Hubbard, Chicago 22, Ill.**  
See page 143.  
The Enterprise Mfg. Co., 110 N. Union St., Akron 9, Ohio.  
Ester Leather Co., 145 St. Paul St., Rochester 4, N. Y.

Etchall Industries, Inc., Columbia, Missouri.  
Ettl Studios, Inc., 213 West 58th St., New York 19, N. Y.  
Evans Bros., Inc., 1004 Westchester Ave., New York 59, N. Y.  
Excelsior Mfg. Co., Inc., Michigan City, Indiana.  
**Explorer Post 23, P. O. Box 1414, Notre Dame, Indiana.**  
See page 141.

## F

T. A. Faulds Co., 116 Broad St., Boston, Mass.  
Fellowcrafters, Inc., 24 Hawley St., Boston, Mass.  
The Felt Crafters, Chadwick St., Plaistow, N. H.  
L. W. Ferdinand & Co., Inc., Mica Lane, Newton Lower Falls, Mass.  
Marshall Field & Co., Chicago, Ill.  
Films, Inc., 330 W. 42nd St., New York 36, N. Y.  
Foster & Stewart Publishing Corp., 210 Ellicott St., Buffalo 3, N. Y.  
French's Instant Potato, Mustard St., Rochester, N. Y.  
Fry Plastics Co., 7826 S. Vermont Ave., Los Angeles 44, Calif.  
**Fulton Bag & Cotton Mills, Atlanta 1, Ga.**  
See page 152.  
Fun with Felt Corp., 215 Middle Neck Rd., Great Neck, N. Y.

## G

Gager's Handicraft, 1024 Nicollet Ave., Minneapolis 2, Minn.  
General Foods, Institutional Dept., 385 Madison Ave., New York 17, N. Y.  
General Mills, Inc., 400 2nd Ave., S., Minneapolis 1, Minn.  
See page 3.  
**General Slicing Machine Co., Inc., Walden, N. Y.**  
See page 53.  
Girl Scouts of the U. S. A., 155 E. 44th St., New York 17, N. Y.  
Robert J. Golka Co., 400 Warren Ave., Brockton 64, Mass.  
Grasselli Chemical Dept., E. I. du Pont de Nemours & Co., Inc., Wilmington 98, Del.  
Greenberg Publishers, 201 E. 57th St., New York 22, N. Y.  
**Grey Owl Indian Craft Mfg. Co., 1569 Nostrand Ave., Brooklyn 26, N. Y.**  
See page 144.  
Greystone Press, 100 Sixth Ave., New York 13, N. Y.  
Lester Griswold, Colorado Springs, Colo.  
**M. Grumbacher, Inc., 460 W. 34th St., New York 1, N. Y.**  
See page 148.

**Grumman Aircraft Engineering Corp.,  
Metal Boat Div., Bethpage, L. I., N. Y.**  
See page 85.  
**The Guildcraft Co. of Buffalo, Inc., 1319  
Hertel Ave., Buffalo 16, N. Y.**  
**Gulf Oil Corp., P. O. Box 116, Pitts-  
burgh 30, Pa.**  
**S. Gumpert Co., Inc., Lackawanna Ter-  
minal, Jersey City 2, N. J.**

## H

Catherine T. Hammett, Box 97, Pleasantville, N. Y.  
**Harper & Bros., 49 W. 33rd St., New  
York 16, N. Y.**  
**Harper's Bazaar, 572 Madison Ave., New  
York 22, N. Y.**  
**Phillip J. Harvey Co., 430 E. Woodbridge,  
Detroit, Mich.**  
See page 58.  
**Sid Hazelton, 7 Dana Rd., Hanover, N. H.**  
**H. J. Heinz Co., 1062 Progress St., Pitts-  
burgh 12, Pa.**  
**High Standards Mfg. Co., 1817 Dixwell  
Ave., Hamden 14, Conn.**  
**Higham, Neilson, Whitridge and Reid,  
Inc., 400 N. Broad., Philadelphia 30,  
Pa.**  
See page 119.  
**Hilker & Bletsch Co., 614 W. Hubbard  
St., Chicago 10, Ill.**  
See page 42.  
**William F. Hillegass, 819 Muhlenberg  
Bldg., Philadelphia 7, Pa.**  
**Hobby King Handicraft Supply, 1719 Ex-  
celsior Ave., Hopkins, Minn.**  
**Henry Holt & Co., 257 4th Ave., N. Y.  
10, N. Y.**  
**The Horn Book, Inc., 248 Boylston St.,  
Boston 16, Mass.**  
**Houghton Mifflin Co., 2 Park St., Boston  
7, Mass.**  
**Howe Folding Furniture, Inc., 1 Park  
Ave., New York 16, N. Y.**  
**Hubbell Metals, Inc., 2817 Laclede Ave.,  
St. Louis 3, Mo.**  
**The Huffman Mfg. Co., P. O. Box 1036,  
Dayton 1, Ohio.**  
**Hughes Photo, 2024 W. Lunt Ave., Chi-  
cago 45, Ill.**  
**Hussey Mfg. Co., Inc., P. O. Box 11,  
North Berwick, Me.**  
See pages 140 and 153.

## I

**Ideal Pictures, 65 E. South Water St.,  
Chicago 1, Ill.**  
**Indian Archery & Toy Corp., 16-24 Clark  
St., Evansville, Ind.**  
See page 106.  
**Industrial Drug Supplies, Inc., 79 Jeffer-  
son St., New York 2, N. Y.**  
**Institutional Cinema Service, Inc., 1560  
Broadway, New York 19, N. Y.**

## J

**Jackson Dishwasher Co., 3703 E. 93rd  
St., Cleveland 5, Ohio.**  
See page 50.  
**Johnson-Appleby Co., 600 Memorial Dr.,  
Cambridge 39, Mass.**  
**Paul S. Jones Co., Inc., 147 W. 22nd St.,  
New York 11, N. Y.**  
**The Judson Press, 1703 Chestnut St.,  
Philadelphia 3, Pa.**  
See pages 125 and 150.

## K

**Kellogg Co., Porter & Stiles Sts., Battle  
Creek, Mich.**  
**Ken-Kaye Crafts Co., 1277 Washington  
St., W. Newton, Mass.**  
See page 138.  
**Adolph Kiefer & Co., 2045 Railroad Ave.,  
Glenview, Ill.**  
See page 85.  
**Kil-Jet Distributing Co., 4811 Carnegie  
Ave., Cleveland, Ohio.**  
**S. D. Kisch, Inc., 47 W. 56th St., New  
York 19, N. Y.**  
**Kit Kraft, 7377 Melrose Ave., Los An-  
geles 46, Calif.**  
**Alfred A. Knopf, 501 Madison Ave., New  
York 22, N. Y.**  
**H. B. Fred Kuhls, 65th St. & 3rd Ave.,  
Brooklyn 20, New York.**

## L

**Edwin W. Lane Co., 32 W. Randolph St.,  
Chicago 1, Ill.**  
**J. C. Larson Co., 820 S. Tripp Ave., Chi-  
cago, Ill.**  
See page 2.  
**Leather Supply Co., 907 S. Hill St., Los  
Angeles, Calif.**  
**LeisureCrafts, 907 S. Hill, Los Angeles  
15, Calif.**  
**Life Camps, Inc., 369 Lexington Ave.,  
New York 17, N. Y.**  
**Lilly Mills Co., Shelby, N. C.**  
See page 71.  
**Lindstaedt & King, P. O. Box 297, San  
Anselmo, Calif.**  
**J. B. Lippincott Co., 227 S. 6th St., Phila-  
delphia 5, Pa.**  
**Little, Brown & Co., 24 Beacon St., Bos-  
ton 6, Mass.**  
**Lock-Rite Structures, 235 Mill St., Law-  
rence, L. I., N. Y.**  
**Lone Star Boat Mfg. Co., 1930 E. Main,  
Grand Prairie, Texas.**  
See page 89.  
**Lorick Suply Co., Inc., 58 Cliff St., New  
York 38, N. Y.**  
**The Andy Lotshaw Co., 126 N. Clinton  
St., Chicago 9, Ill.**

## M

**M. D. Laboratory Products Co., 329 Ked-  
zie, Evanston, Ill.**

- The Macmillan Co., 60 5th Ave., New York 11, N. Y.
- R. H. Macy & Co., Herald Square, New York 1, N. Y.
- Magnus Brush & Craft Materials**, 108 Franklin St., New York 13, N. Y.  
See page 138
- Maine Development Commission, Augusta, Maine.
- Margo-Kraft Distributors, Inc.**, 419 So. 6th St., Minneapolis 15, Minn.  
See page 80.
- Mathieson Chemical Corp., Mathieson Bldg., Baltimore 3, Md.
- McGraw Hill Book Co., 330 West 42nd St., New York 36, N. Y.
- McKnight & McKnight Publishing Co., 109 W. Market, Bloomington, Ill.
- Mercantile Sales Co., 1419 Franklin Ave., St. Louis, Mo.
- Metal Goods Corp., 640 Rosedale Ave., St. Louis 12, Mo.
- Michigan Dock and Mfg. Co., P. O. Box 78, Battle Creek, Mich.
- Midwest Folding Products, Roselle, Ill.
- Modern Swimming Pool Co., Inc.**, 1 Holland Ave., White Plains, N. Y.  
See page 151
- Modern Talking Picture Service, Inc., 45 Rockefeller Plaza, New York 20, N. Y.  
See page 153.
- Mohawk Craftsmen, Califon, New Jersey.**
- Monark Silver King, Inc., 6501 W. Grand Ave., Chicago 35, Ill.
- E. R. Moore Co.**, 932 Dakin St., Chicago 13, Ill.  
See page 9.
- William Morrow & Co., Inc., 425 4th Ave., New York 16, N. Y.
- O. F. Mossberg & Sons, Inc.**, 131 St. John St., New Haven Conn.  
See page 103.
- Loren Murchison & Co., Inc., 14 Park Place, Newark 2, N. J.
- The Murray Ohio Mfg. Co., 1115 E. 152nd St., Cleveland, Ohio.
- N**
- National Assn. of Secondary School Principals, 1201 16th St., N. W., Washington, D. C.
- National Biscuit Co.**, 449 W. 14th St., New York 14, N. Y.  
See page 47.
- National Bureau of Private Schools**, 522 5th Ave., New York 36, N. Y.  
See pages 103 and 150.
- National Cinema Service**, 71 Dey St., New York 7, N. Y.  
See page 149.
- National Council of Churches of Christ, 206 S. Michigan Ave., Chicago 4, Ill.
- National Organization for Public Health Nursing, 2 Park Ave., New York 16, N. Y.
- National Recreation Assn., 315 4th Ave., New York 10, N. Y.
- National Rifle Assoc., 1600 Rhode Island Ave., N. W., Washington 6, D. C.
- National Sporting Goods Assoc., 1 N. LaSalle St., Chicago 1, Ill.
- Nature Hobbies, 305 Harwick Rd., Rochester 9, N. Y.
- The Nestle Co., Inc.**, Colorado Springs, Colo.  
See page 45.
- Nestle's Chocolate Co., Inc., 60 Hudson St., New York 13, N. Y.
- New York Herald-Tribune, 230 W. 41st St., New York 36, N. Y.
- New York Rubber Corp., 100 Park Ave., New York 17, N. Y.
- New York Scientific Supply Co.**, 28 W. 30th St., New York 1, N. Y.  
See page 147.
- The New York Times, Times Square, New York 36, N. Y.
- Nissen Trampoline Co., 200 A Ave., N. W., Cedar Rapids, Ia.
- Charley Nolan - Outdoor Outfitter, Portland, Pa.
- Nordblom Co., 50 Congress St., Boston 9, Mass.
- Norsid Mfg. Co., Inc., 21 Atherton St., Yonkers, N. Y.
- O**
- Official Films, Inc., 25 W. 45th St., New York 36, N. Y.
- Old Town Canoe Co.**, Old Town, Me.  
See page 87.
- The O-P Craft Co., Inc., Sandusky, Ohio.
- Osborn Bros. Supply Co., 223 W. Jackson Blvd., Chicago 6, Ill.  
See page 78.
- P**
- Pacific Crafters, P. O. Box 2007, Stockton Calif.
- Paddock Sales of Texas, 3727 Atwell St., Dallas 9, Tex.
- Page Publishing Co., Beacon St., Boston, Mass.
- Paramount Industries, Inc., 111 Broadway, New York 6, N. Y.
- Parents' Magazine, 52 Vanderbilt Ave., New York 17, N. Y.  
See page 116.
- Parke-Hill Chemical Corp., 57 S. 6th Ave., Mt. Vernon, N. Y.  
See page 141.
- Paul Parker, 11 W. 42nd St., New York 36, N. Y.
- Thelma Patterson, Hotel Pearson, Chicago 11, Ill.
- Peck-Kerron Co., 11 W. 42nd St., New York 36, N. Y.
- Penobscot Cabin Co., Camden, Maine.
- Perfex, Inc.**, 51 Dinsmore Pl., Brooklyn 8, N. Y.  
See page 66.
- Pfaelzer Bros., Inc., 939 West 37th Pl., Chicago 9, Ill.

- Pillsbury Mills, Inc., Minneapolis, Minn.**  
See page 41.
- Pitman Publishing Corp.,** 2 W. 45th St., New York 36, N. Y.
- Pittsburgh Chemical Laboratory, Inc.,** Heenan Bldg., Pittsburgh 22, Pa.
- Playhats, Revere, Mass.**
- Plays, Inc.,** 8 Arlington St., Boston 16, Mass.
- Plume Trading & Sales Co., Inc.,** 155 Lexington Ave., New York 16, N. Y.  
See page 144.
- Pottery Arts Supply Div., Pemco Corp.,** 5601 Eastern Ave., Baltimore 24, Md.
- Powers & Co.,** 5911 Woodland Avenue, Philadelphia, Pa.  
See page 152.
- Precision Machine Co.,** 5 Union Square, Somerville 43, Mass.  
See page 140.
- Progress Press,** 2153 Florida Ave., Washington 8, D. C.
- % Proportioneers, Inc. %,** 345 Harris Ave., Providence 1, R. I.  
See page 59.
- G. P. Putnam's Sons,** 2 W. 45th St., New York 36, N. Y.
- Q**
- Quaker Oats Co.,** 141 W. Jackson Blvd., Chicago, Ill.
- R**
- The Rafter Crafters,** P. O. Box 97, Pleasantville, N. Y.
- B. A. Railton Co.,** 3425 Kedzie Ave., Chicago 23, Ill.  
See page 143.
- Ralston Purina Co.,** Checkerboard Sq., St. Louis 2, Mo.  
See page 38.
- Random House, Inc.,** 457 Madison Ave., New York 22, N. Y.
- Recreation Magazine,** 315 Fourth Ave., New York 10, N. Y.
- Recreation World,** 1170 Broadway, New York 1, N. Y.
- Redbook Magazine,** 230 Park Ave., New York 17, N. Y.
- Regal Products, Ltd.,** Main St., Adams, Wis.
- Lewis C. Reimann,** 2504 Brockman Blvd., Ann Arbor, Mich.
- Remington Arms Co., Inc.,** 939 Barnum Ave., Bridgeport 2, Conn.
- Richmond Oil, Soap & Chemical Co., Inc.,** 1041-43 Frankford Ave., Philadelphia 25, Pa.  
See page 141.
- Rinehart Books, Inc.,** 232 Madison Ave., New York 16, N. Y.
- Rockaway Sales Co.,** Rockaway, N. J.
- Rohm & Haas,** 222 W. Washington Sq., Philadelphia 5, Pa.
- The Ronald Press Co.,** 15 E. 26th St., New York 10, N. Y.  
See page 124.
- The Russell C. Roshon Organization, Ind.,** 512 State Theatre Bldg., Pittsburgh 22, Pa.  
See page 114.
- Russo Leather & Findings Co.,** 245 S. Spring St., Los Angeles 12, Calif.
- S**
- Safeway Sanitation,** 75 Argyle Rd., Egbertsville, N. Y.  
See page 55.
- Russell Sage Foundation,** 130 E. 22nd St., New York 10, N. Y.
- Saks - Fifth Ave.,** 611 Fifth Ave., New York 22, N. Y.
- Julian Salomon,** Sky Meadow, Suffern, N. Y.
- Sanco Equipment Co.,** 24 E. 13th St., New York 3, N. Y.  
See pages 139, 141, 142 and 146.
- Nat J. Sand Co.,** 771 S. Front St., Columbus 6, Ohio.  
See pages 11 and 151.
- W. B. Saunders Co.,** West Washington Square, Philadelphia 5, Pa.
- Sax Bros., Inc.,** 1111 N. 3rd St., Milwaukee 3, Wis.  
See page 146.
- Schwartz Bros., Inc.,** 827 Arch St., Philadelphia 7, Pa.
- Scott Mfg. Co.,** 510 S. 15th St., Omaha 2, Nebraska.
- Ad Seidel & Son, Inc.,** 1245 W. Dickens, Chicago 14, Ill.  
See page 45.
- John Sexton & Co.,** Sexton Square, Chicago 90, Ill.  
See page 6.
- The Shelby Cycle Co.,** Shelby, Ohio.
- Shelart Studios,** 3202 6th St., So., St. Petersburg, Fla.  
See page 70.
- Shell-Art Novelty Co.,** Cor. 5th and Moore Sts., Philadelphia 48, Pa.  
See page 151.
- Sherman & Reilly, Inc.,** 1st & Broad, Chattanooga, Tenn.  
See page 4.
- Sim-Cote Products Co.,** Granville, N. Y.  
See page 97.
- Simon & Schuster,** Rockefeller Center, New York 20, N. Y.
- D. B. Smith & Co.,** 408 Main St., Utica, 2, N. Y.  
See page 62.
- Smith-Junior Co.,** 12 Saratoga Ave., Rochester, N. Y.
- Smith System Heating Co.,** Washington Ave. & Ontario St., S. E., Minneapolis 14, Minn.  
See page 153.
- H. P. Snyder Mfg. Co., Inc.,** Little Falls, N. Y.
- Society for Visual Education, Inc.,** 1345 Diversey Pkwy., Chicago 15, Ill.

**Solvay Sales Div., Allied Chemical & Dye Corp., 40 Rector St., New York 6, N. Y.**

See page 99.

**Spaulding Moss Co., 42 Franklin St., Boston 10, Mass.**

**Special Services, Inc., Farmington, Conn.**  
**Spool Cotton Co., 745 5th Ave., New York 22, N. Y.**

**Standard Steel Products Mfg. Co., 2836 S. 16th, Milwaukee 7, Wis.**

See page 83.

**Stanford University Press, Stanford, Calif.**

**State Printing Office, Documents Section, Sacramento 14, Calif.**

**Stay-Tite Products Co., 3107 Detroit Ave., Cleveland 13, Ohio.**

**Steele-Wedeler Co., 312 N. Dearborn St., Chicago 10, Ill.**

See page 144.

**Stephenson Corp., 157 Broad St., Red Bank, N. J.**

See page 150.

**Sterling Films, Inc., 316 W. 57th St., New York 19, N. Y.**

**Stylecraft Mfg. Co., 717 Sycamore St., Cincinnati 1, Ohio.**

See pages 8 and 151.

**Sunshine Biscuits, Inc., Thompson Ave., Long Island City, N. Y.**

**Swift & Co., Union Stock Yards, Chicago, Ill.**

### T

**Tab Tent Mfg. Co., 903 Ackerman Ave., Syracuse 10, N. Y.**

**Tanart Leathercraft Co., 149 N. 3rd St., Philadelphia 6, Pa.**

See page 73.

**Teela-Wooken Camp (Archery), 450 C W. 24th St., New York 11, N. Y.**

**Teela-Wooken Camp (Equitation), 60 Ordway Rd., Wellesley Hills, Mass.**

**Thayer & Chandler, 910 W. Van Buren St., Chicago, Ill.**

See page 138.

**Thompson Bros. Boat Mfg. Co., 299 Ellis Ave., Peshtigo, Wis.**

**Todd Shipyards Corp., Combustion Equip. Div., 81-16 45th Ave., Elmhurst, L. I., N. Y.**

See page 69.

**Chas. H. Toebe Leather Co., 40 N. 3rd St., Philadelphia 6, Pa.**

See page 146.

**Toronto YMCA, 36 College St., Toronto, Ont., Canada.**

**Trix-Tix, Inc., 3727 N. Palmer, Milwaukee, Wis.**

**Trojan Playground Equip. Mfg. Co., St. Cloud, Minn.**

### U

**United Fruit Co., Pier 3, North River, New York 6, N. Y.**

**United World Films, Inc., 1445 Park Ave., New York 29, N. Y.**  
**Universal Industries, 360 Mystic Ave., Somerville 45, Mass.**  
See page 52.

### V

**Van Brode Milling Co., Inc., Clinton, Mass.**

**C. J. Van Houten & Zoon, Inc., 537 Greenwich St., New York 13, N. Y.**

**Webster Van Winkle Corp., 99 Summit Ave., Summit, N. J.**

See page 143.

**Vanguard Press, 424 Madison Ave., New York 17, N. Y.**

**Velva-Sheen Mfg. Co., 615 W. McMicken Ave., Cincinnati 14, Ohio.**

See page 12.

**Vermont Accident Insurance Co., 33 Cottage St., Rutland, Va.**

See pages 118 and 145.

**Veteran Leather Co., 194 William St., New York 7, N. Y.**

**Victoria Silk Press, 805 Lucas Ave., St. Louis, Mo.**

**Viking Press, 18 E. 48th St., New York, N. Y.**

**W. J. Voit Rubber Corp., 1600 E. 25th St., Los Angeles 11, Calif.**

See page 166.

### W

**Wagemaker Co., 566 Market Ave., S. W., Grand Rapids 2, Mich.**

**Wallace & Tiernan Co., Inc., 1 Main St., Belleville 9, N. J.**

See page 57.

**John Wanamaker, Broad & Chestnut Sts., Philadelphia, Pa.**

**Ward's Natural Science Establishment, Inc., 3000 Ridge Rd., East, Rochester 9, N. Y.**

See page 147.

**Washington Dehydrated Food Co., 709 N. 1st Ave., Yakima, Wash.**

**Water Safety Co., 59 Ampere Pkwy., Ampere, N. J.**

See page 139.

**The Watertown Mfg. Co., Echo Lake Rd., Watertown, Conn.**

**Webb Mfg. Co., 4th & Cambria Sts., Philadelphia 33, Pa.**

**The Welfare Federation of Cleveland, 1001 Huron Rd., Cleveland, Ohio.**

**Wesbar Stamping Corp., West Bend, Wis.**

See page 139.

**Western Crafts & Hobby Supply Co., 215 E. 3rd St., Davenport, Ia.**

**The Westfield Mfg. Co., Westfield, Mass.**

**Westminster Press, 156 Fifth Ave., New York 10, N. Y.**

**The Wheatena Corp., Elizabeth & Grand Aves., Rahway, N. J.**

**White River Paper Co., Currier St., White River Jct., Vt.**

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Whitmire Research Laboratories, Inc.,  
339 S. Vandeventer, St. Louis 10, Mo.  
See page 68.

Whittlesey House, 330 W. 42nd St., New  
York 36, N. Y.

R. C. Williams & Co., Inc., 265 10th Ave.,  
New York 1, N. Y.

Wilson Chemical Feeders, Inc., 205 Clinton  
St., Buffalo, N. Y.

Winchester Repeating Arms Co., 275  
Winchester Ave., New Haven 4, Conn.  
The Woman's Press, 600 Lexington Ave.,  
New York 22, N. Y.  
The Wright Stables, c/o The Wright  
Farm, Concord, Mass.

X

X-acto Crescent Products Co., Inc., 440  
4th Ave., New York 16, N. Y.

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# **Bacic Facts on A. C. A.**

## **What It Is**

The American Camping Association is a voluntary professional organization made up of individuals, representatives of agencies, and institutions, interested in the development of organized camping in the United States and Canada, through its affiliation with the Canadian

Camping Association. Its membership consists of camp directors, members of camp staffs, educators, and others directly associated with the operation of camps or interested in the camping movement. It represents camping of all types: such as private, organization, church, school, public, and institutional.

## **How It Operates**

The Association consists of 43 Sections located in all parts of the country. These Sections meet at regular intervals to share knowledge and experience, and to discuss common problems. They offer training camps, conduct studies, and carry out cooperative projects for the

good of camping. Many of the Sections issue bulletins, establish camping standards, and publish camping directories. A national board elected by and from the Sections, serves as the governing board of the ACA. The national officers of the American Camping Association at present are:

## **National Officers**

**PRESIDENT:** Herbert Sweet, Acorn Farm Camps, Carmel, Ind.

**VICE-PRESIDENT:** J. A. Cheley, 649 St. Paul St., Denver, Colo. (Effective April, 1952)

Mrs. Richard Beckhard, Girl Scouts of the U.S.A., 155 E. 44th St., New York City

**TREASURER:** T. R. Alexander, YMCA, 304 Wood St., Pittsburgh 22.

Gene H. Altman, 7171 W. Park, St. Louis 17. (Effective April, 1952)

**SECRETARY:** Miss Catherine T. Hammett, Box 97, Pleasantville, N. Y.

**PAST PRESIDENT:** Reynold E. Carlson, 1900 Maxwell Lane, Bloomington, Ind.

**EXECUTIVE DIRECTOR:** Dr. Gerald P. Burns, 343 S. Dearborn St., Chicago 4.

## **Standing Committees**

**FINANCE:** Otto Rosahn, 302 W. 12th St., New York City 14.

**LEADERSHIP:** Dr. Richard Stultz, Syracuse University, Syracuse 10, N. Y.

**MEMBERSHIP:** Arthur K. Flanagan, 11 S. LaSalle St., Chicago.

**PROGRAM:** Mrs. Elizabeth Spear, Camp Fire Girls, 16 E. 48th St., New York City.

**PUBLICATIONS:** Hugh Allen, College Camp, Wisc.

**PUBLIC RELATIONS:** D. Winton Hartman, BSA, 225 Clifton Ave., Minneapolis, Minn.

**RESEARCH & STUDIES:** Dr. Norman Miller, Dept. of Phys. Ed., U. C. L. A., Los Angeles.